
South Dakota GAME REPORT

No. 2020 - 04

2019

Annual Report

BIG GAME HARVEST PROJECTIONS

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PREFACE

Big game harvest estimates reported herein for the 2019 big game seasons were developed as described in Wildlife Survey Manual, 2009-2015, South Dakota Department of Game, Fish and Parks. Species-specific methodologies are reported there.

Wildlife Division Administrative Section personnel (all seasons except Bighorn sheep and Mountain goat – Corey Huxoll; Bighorn sheep and Mountain goat – Chad Lehman) were responsible for development of these harvest estimates, as part of Federal Aid for Wildlife Restoration as Project W-95-R. Harvest survey responses were taken directly over the Internet using Survey123® or the SDGFP website or were processed and encoded by Dana Ertz or Corey Huxoll.

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SPRING PRAIRIE TURKEY

The 2019 Spring Prairie Turkey season was open April 13 through May 31 for all units except Davison/Hanson, and Lincoln, which had split seasons. License sales totaled 6,375 (5,250 residents and 1,125 nonresidents) compared to 6,510 in 2018. There were 6,551 licenses available and overall tag sales totaled 6,977. Only single and double tag male turkey licenses were available.

The survey sample size was 4,717 (81% of all hunters) and the response rate was 78%. Surveys were sent via email and regular mail. The reported overall success rate for hunters was 39% and the projected harvest was 2,727 turkeys, including 5 hens.

Spring prairie turkey hunters averaged 2.14 days hunting for a projected total of 12,434 hunting days. Respondents were asked to gauge their satisfaction of the season (1 being least satisfied, 7 being most satisfied) and the average response was 5.39.

Comparison of the 2010-2019 Spring Prairie Turkey Seasons

Year	Resident Licenses	Nonres Licenses	Tags	Harvest		Success	Avg Days Hunted	Satisf
				Males	Hens			
2010	6,445	1,246	12,655	5,809	755	52%	2.93	5.81
2011	6,817	1,247	13,203	4,989	547	42%	2.70	5.50
2012	6,479	1,384	12,802	5,112	442	43%	2.58	5.67
2013	6,489	1,385	12,879	4,732	481	41%	2.57	5.33
2014	5,888	1,301	8,962	3,491	106	40%	2.40	5.26
2015	5,604	1,357	8,470	3,555	10	42%	2.64	5.34
2016	5,648	1,202	7,907	2,482	4	31%	2.72	5.49
2017	5,364	1,213	7,371	3,323	5	45%	2.50	5.55
2018	5,364	1,146	7,287	2,724	9	38%	2.18	5.49
2019	5,250	1,125	6,977	2,722	5	39%	2.14	5.39

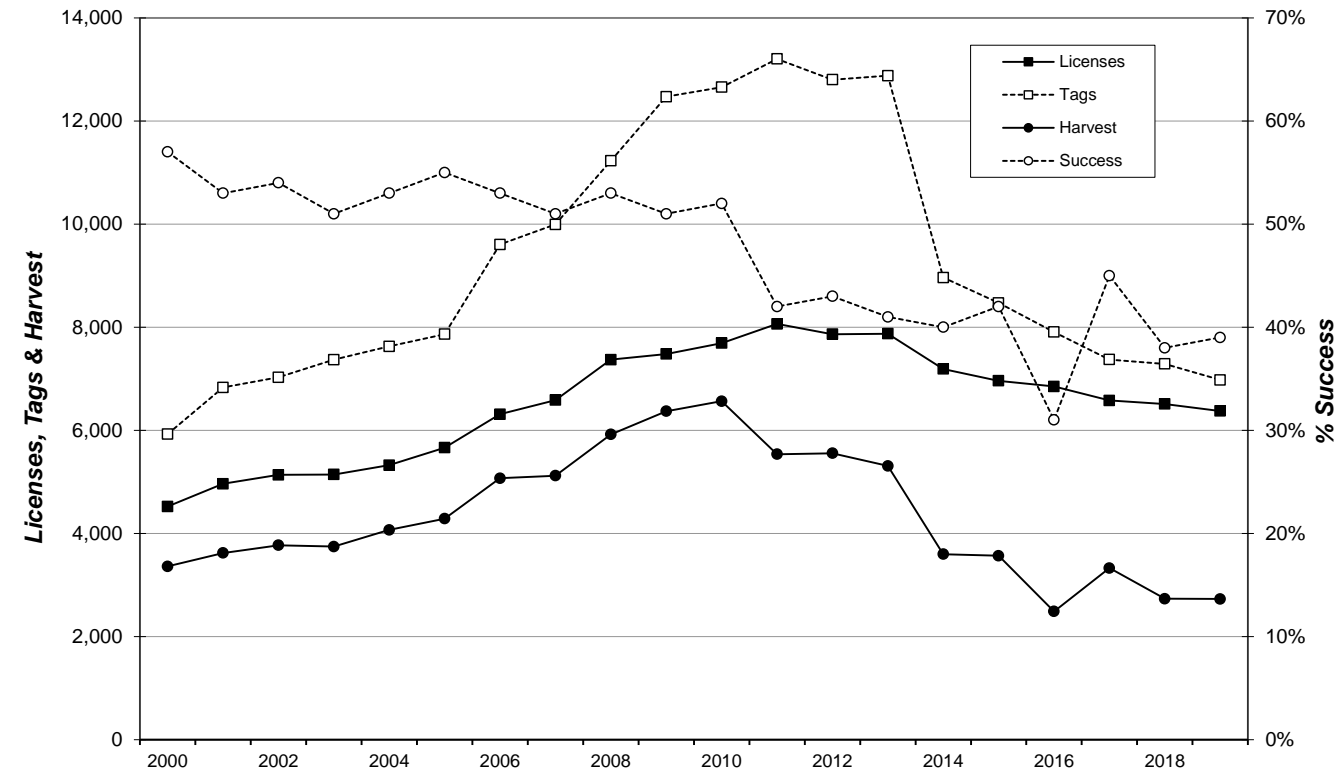
South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections

Corey Huxoll

2019 Spring Prairie Turkey Harvest Projections

County Unit		Licenses														Harvest Projections				Avg	Mean												
		License		Resident						Nonresident										Days	Satisfctn												
				Appl. 1st			Appl. 1st			Response			Tags			Tag			Hunter			1st			2nd			Males		Total			
				Type	Hunters	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	sold	Success	Success	LCI	UCI	tag	tag			Adults	Jakes	Hens	Harvest	Hunted	Score						
Bennett	32	30	20	30	28	14	3	5	87%	33	38%	35%	27%	44%	38%		12	1	0	13	1.15	5.60											
Bon Homme	32	241	177	250	248	0	0	2	75%	250	47%	46%	41%	51%	47%		94	23	0	116	1.68	5.84											
Brookings	32	20	65	20	20	0	0	0	90%	20	28%	28%	25%	35%	28%		3	2	0	6	2.89	5.20											
Brule	32	127	38	150	137	0	0	13	79%	150	39%	39%	33%	45%	39%		46	13	0	58	1.91	5.35											
Butte/Lawrence	32	286	75	350	193	89	28	185	84%	378	45%	48%	43%	54%	45%		171	0	0	171	2.13	5.86											
Campbell/Walworth	32	10	25	10	10	0	0	0	80%	10	50%	50%	40%	60%	50%		4	1	0	5	2.50	3.83											
Charles Mix/Douglas	32	350	327	350	350	0	0	0	78%	350	43%	43%	38%	47%	43%		117	33	0	149	2.32	5.36											
Clay	32	114	79	120	118	0	0	2	71%	120	33%	32%	26%	38%	33%		38	1	0	39	3.00	5.51											
Corson	32	53	26	50	51	2	4	3	74%	54	33%	33%	25%	41%	33%		16	1	0	18	2.03	4.94											
Custer/ Penn-Mid	32	139	41	150	133	19	12	29	67%	162	35%	37%	30%	43%	35%		49	6	2	57	1.76	4.54											
Davison/Hanson	32	151	112	160	159	0	0	1	76%	160	31%	32%	28%	37%	31%		46	4	0	50	2.29	5.26											
Day/Codington	32	80	131	80	80	0	0	0	88%	80	39%	39%	35%	43%	39%		26	5	0	31	2.60	5.33											
Deuel	32	100	143	100	100	0	0	0	79%	100	34%	34%	29%	39%	34%		29	5	0	34	2.42	5.43											
Dewey/Ziebach	32	125	52	150	131	10	12	27	80%	158	30%	34%	28%	40%	30%		44	4	0	48	1.17	5.52											
Fall River	32	80	61	75	75	26	6	6	83%	81	31%	32%	27%	37%	31%		22	4	0	25	2.26	4.76											
Grant	32	220	233	220	220	0	0	0	86%	220	48%	48%	44%	52%	48%		99	7	0	106	2.87	5.43											
Gregory	32	705	471	700	650	151	56	105	77%	755	37%	36%	31%	41%	37%		225	53	0	278	2.10	5.30											
Haakon	35	204	71	200	134	35	16	82	76%	432	34%	43%	38%	49%	43%	25%	132	15	0	148	1.93	5.38											
Hamlin	32	10	11	10	10	0	0	0	90%	10	44%	44%	40%	50%	44%		3	1	0	4	3.56	5.83											
Harding	32	108	89	100	100	19	8	8	70%	108	20%	20%	15%	26%	20%		19	3	0	22	1.88	5.17											
Hughes	32	30	38	30	30	0	0	0	87%	30	50%	50%	43%	57%	50%		12	3	0	15	2.65	5.32											
Hutchinson	32	60	53	60	60	0	0	0	87%	60	42%	42%	37%	47%	42%		23	2	0	25	3.04	5.80											
Jackson	32	113	47	150	87	36	12	75	81%	162	41%	47%	40%	54%	41%		62	4	0	66	1.65	5.22											
Jerauld	32	10	12	10	10	0	0	0	90%	10	33%	33%	30%	40%	33%		3	0	0	3	4.11	5.14											
Jones	32	64	16	75	43	4	6	38	70%	81	34%	30%	20%	39%	34%		26	1	0	28	1.43	5.39											
Lincoln	32	100	187	100	100	0	0	0	77%	100	29%	29%	24%	34%	29%		22	6	0	29	2.48	5.05											
Lyman	32	108	127	100	100	22	8	8	79%	108	27%	27%	23%	32%	27%		22	8	0	29	1.39	5.18											
Marshall/Roberts	32	400	413	400	400	0	0	0	77%	400	46%	46%	41%	51%	46%		147	36	2	185	2.52	5.55											
Meade/Penngtn	35	291	79	300	189	82	24	127	73%	632	42%	51%	46%	57%	53%	33%	260	5	0	266	2.10	5.76											
Mellette	32	267	81	350	193	33	28	156	78%	349	40%	41%	36%	47%	40%		116	25	0	141	1.59	5.46											
Minnehaha	32	80	131	80	80	0	0	0	78%	80	34%	34%	28%	40%	35%	14%	26	1	0	27	2.24	5.38											
Moody	32	60	61	60	60	0	0	0	78%	60	30%	30%	24%	36%	30%		15	3	0	18	2.79	5.31											
Oahe Downstream	32	2	1	2	2	0	1	0	50%	2	0%	0%	0%	0%	0%		0	0	0	0	0.00	0.00											
Oglala Lakota	32	34	9	40	22	4	4	16	81%	38	31%	27%	18%	37%	31%		12	0	0	12	1.23	4.65											
Pennington-East	32	121	33	200	90	20	16	56	80%	146	56%	55%	49%	61%	56%		76	4	1	82	1.71	5.61											
Perkins	35	69	9	100	44	11	8	26	76%	140	24%	35%	28%	42%	35%	14%	28	5	0	34	2.25	4.86											
Sanborn	32	10	14	10	10	0	0	0	60%	10	17%	17%	10%	39%	17%		2	0	0	2	2.83	2.50											
Stanley	32	44	34	40	40	2	4	4	89%	44	33%	33%	30%	39%	33%		11	3	0	15	2.21	5.31											
Todd	32	51	14	75	34	5	6	28	69%	62	42%	40%	29%	51%	42%		17	9	0	26	1.60	5.25											
Tripp	32	343	170	400	309	59	32	123	75%	432	43%	40%	34%	45%	43%		152	33	0	185	1.57	5.24											
Turner	32	20	32	20	20	0	0	0	85%	20	35%	35%	30%	45%	35%		6	1	0	7	2.24	5.08											
Union	32	120	180	120	120	0	0	0	86%	120	31%	31%	28%	35%	31%		35	2	0	37	2.94	5.45											
Yankton	32	260	230	260	260	0	0	0	76%	260	45%	45%	40%	50%	45%		106	11	0	118	2.66	5.72											
Totals		5,810	4,218	6,257	5,250	643	294	1,125	78%	6,977	39.1%						2,377	346	5	2,727	2.14	5.39											
Response rate for all units combined was		77.8%																															
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																																	
* Number of 1st drawing applicants with that season as 1st choice.																																	

Spring Firearm Prairie Turkey 2000-2019



SPRING BLACK HILLS TURKEY

An unlimited number of licenses were available, and 4,545 licenses were issued for the 2019 Spring Black Hills Turkey season (2,941 residents, 1,604 nonresidents). All licenses consisted of single tags for male turkeys only.

The survey sample size was 794 (19% of hunters) and the response rate was 76%. Surveys were sent via email and regular mail. The reported success rate was 30% and the projected harvest was 1,365 male turkeys.

The season was open from April 13 through May 31 and hunters averaged 3.61 days of hunting for a projected total of 15,242 days of recreation.

Resident hunters purchased 498 licenses for the BH2 unit, where tags were only valid May 1-31. Of those, 175 did not have a unit BH1 license; therefore, only 323 hunters purchased two licenses for the season. Reported success for unit BH2 for those hunters who purchased two licenses was 16%.

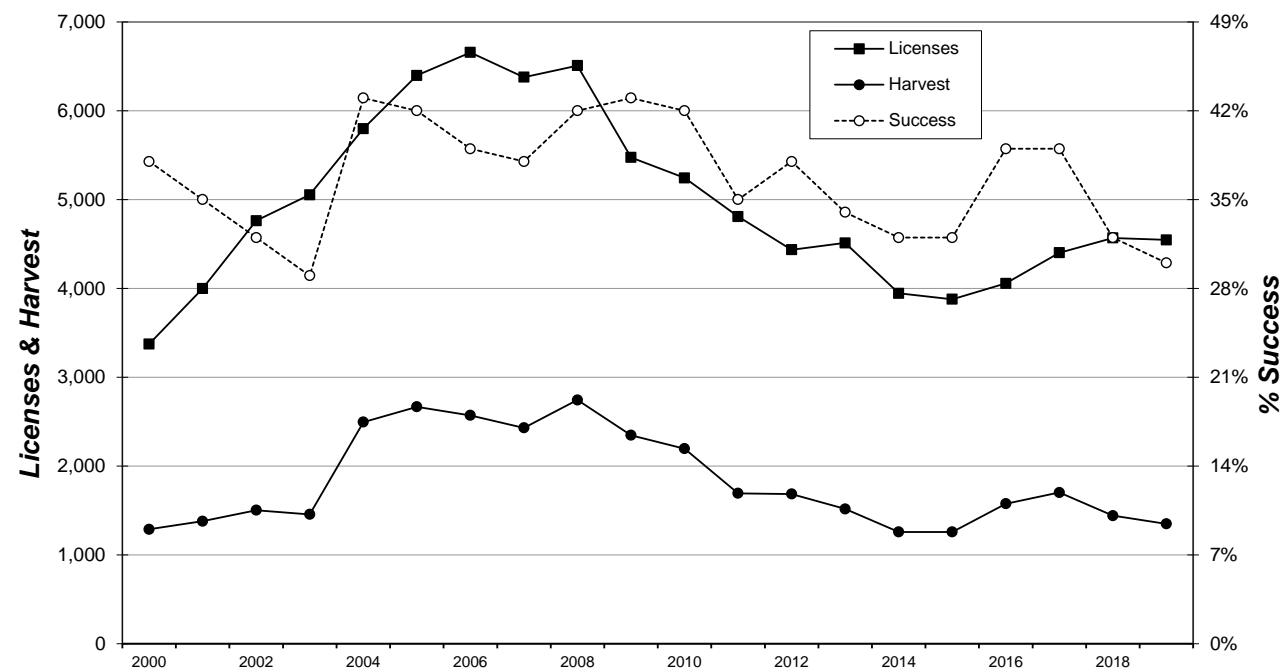
Comparison of the 2010-2019 Spring Black Hills Turkey Seasons

<i>Year</i>	<i>Licenses Issued</i>	<i>Harvest</i>	<i>Avg Days Hunted</i>	<i>Tag Success</i>	<i>Average Satisfaction</i>
2010	5,244	2,195	3.97	42%	5.36
2011	4,808	1,693	3.53	35%	5.28
2012	4,435	1,685	3.63	38%	5.31
2013	4,512	1,517	3.18	34%	5.08
2014	3,944	1,258	3.19	32%	4.99
2015	3,877	1,258	3.44	32%	4.89
2016	4,056	1,575	3.38	39%	5.21
2017	4,401	1,701	3.48	39%	5.30
2018	4,567	1,441	3.38	32%	5.15
2019	4,545	1,365	3.61	30%	4.93

2019 Spring Black Hills Turkey Harvest Projections

Last Revised: 09/12/2019		Licenses				Hunters	Response Rate	Tag Success	Hunter Success	LCI	UCI	Harvest Estimate			Ave. Days Hunted	Avg Satsfctn
Unit/Type	Resident		Nonresident		Toms							Jakes	Total			
	Avail.	Sold	Avail.	Sold												
BH1-32	Unlim	2,443	Unlim	1,604	4,222	75.69%	30%	32%	29%	35%	1,061	288	1,349	3.61	4.93	
BH2-32	Unlim	498	0	0												
		2,941		1,604												
Response rate for the season was 75.7%																
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																
323 hunters had licenses for both BH1 and BH2 units																

Black Hills Spring Turkey 2000-2019



SPRING ARCHERY TURKEY

There were 3,129 resident and 338 nonresident licenses sold for a total of 3,467 licensed spring archery turkey hunters in 2019.

To obtain harvest estimates, 43% of the license holders were surveyed for a sample size of 1,494. The response rate was 72%. Surveys were sent via email and regular mail.

The projected harvest based on survey responses was 915 male turkeys, an increase of 27% from 2018. The harvest success rate was 26%. The season was open from April 6 through May 31 and the projected total number of days hunted was 12,031, an average of 3.47 days per hunter.

The five units with the highest reported harvest were Gregory, Black Hills, Union, Marshall/Roberts, and Yankton.

Comparison of the 2010-2019 Spring Archery Turkey Seasons

Year	Licenses Sold		Male Harvest	Success	Avg Days Hunted	Satisfaction
	Resident	Nonresident				
2010	2,085	463	780	31%	4.28	5.41
2011	2,243	478	686	25%	3.91	5.37
2012	2,137	418	739	29%	3.57	5.48
2013	2,390	440	641	23%	3.42	5.12
2014	2,335	387	695	26%	3.41	5.17
2015	2,604	315	790	27%	3.59	5.36
2016	2,844	358	885	28%	3.90	5.39
2017	2,925	373	912	28%	3.87	5.47
2018	2,914	350	719	22%	3.43	5.33
2019	3,129	338	915	26%	3.47	5.51

2019 Spring Archery Turkey Harvest Projections

Last Revised:

Last Revised:													
Licenses													
09/11/2019	Resident		Nonresident		Response	Tag	Harvest Estimate				Ave. Days	Avg	
Unit/Type	Avail.	Sold	Avail.	Sold	Rate	Success	LCI	UCI	Toms	Jakes	Total	Hunted	Satsfctn
ST1-32	Unlim	3,129	Unlim	338	72.3%	26%	24%	29%	793	122	915	3.47	5.51

Response rate for the season was **72.3%**

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

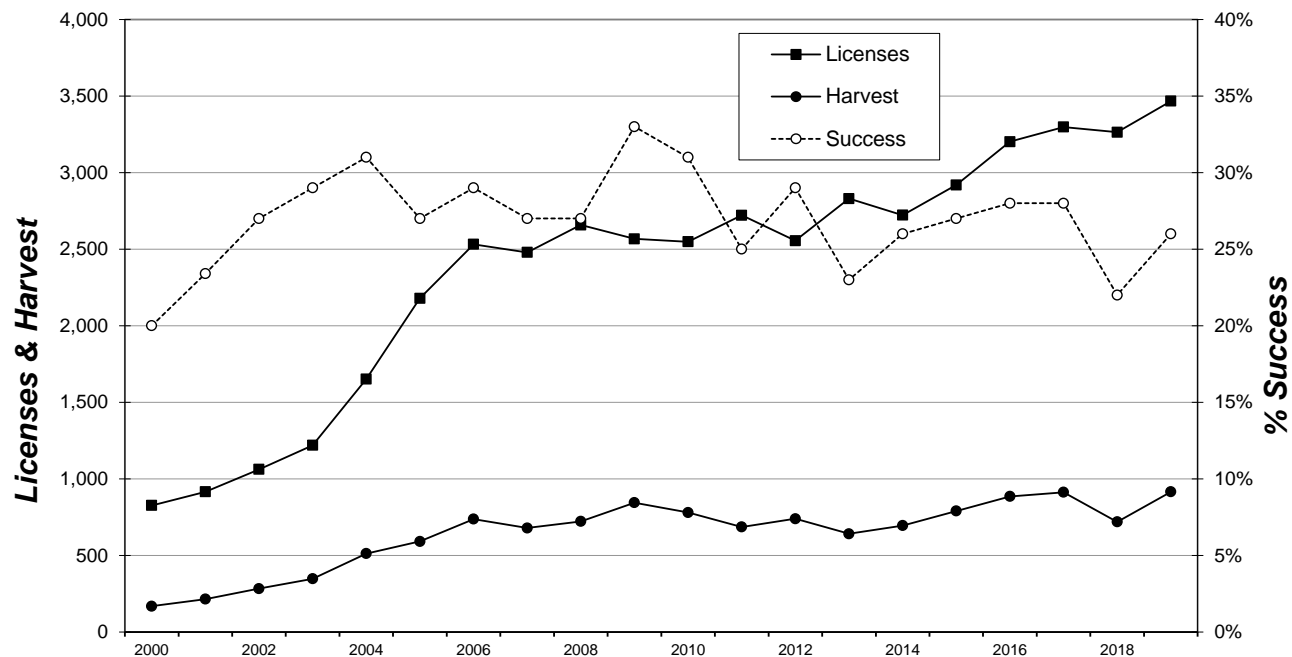
2019 Spring Archery Turkey Harvest Distribution

Last Revised:
09-Sep-19

County	Reported Harvest			Projected Harvest			
	Males			Males			
	Toms	Jakes	Total	Toms	Jakes	Total	%
01A (Minnehaha)	8	3	11	30	11	41	4.4%
02A (Pennington-East)	2	1	3	7	4	11	1.2%
06A (Brookings)	6	2	8	22	7	30	3.2%
07A (Yankton)	17	3	20	64	11	74	8.1%
08A (Davison/Hanson)	3	0	3	11	0	11	1.2%
11A (Bennett)	1	0	1	4	0	4	0.4%
12A (Bon Homme)	4	1	5	15	4	19	2.0%
13A (Brule)	1	1	2	4	4	7	0.8%
14A (Buffalo)	1	2	3	4	7	11	1.2%
15A (Butte/Lawrence)	5	0	5	19	0	19	2.0%
16A (Campbell/Walworth)	0	0	0	0	0	0	0.0%
17A (Charles Mix/Douglas)	12	2	14	45	7	52	5.7%
18A (Clark)	1	0	1	4	0	4	0.4%
19A (Clay)	9	0	9	34	0	34	3.7%
20A (Corson)	1	0	1	4	0	4	0.4%
21A (Custer/Penn-Mid)	2	1	3	7	4	11	1.2%
22A (Day/Codington)	8	1	9	30	4	34	3.7%
23A (Deuel)	11	0	11	41	0	41	4.5%
24A (Dewey/Ziebach)	1	0	1	4	0	4	0.4%
27A (Fall River)	3	0	3	11	0	11	1.2%
29A (Grant)	8	1	9	30	4	34	3.7%
30A (Gregory)	15	3	18	56	11	67	7.3%
31A (Haakon)	2	0	2	7	0	7	0.8%
32A (Hamlin)	0	0	0	0	0	0	0.0%
35A (Harding)	0	0	0	0	0	0	0.0%
36A (Hughes)	1	1	2	4	4	7	0.8%
37A (Hutchinson)	0	0	0	0	0	0	0.0%
39A (Jackson)	2	0	2	7	0	7	0.8%
40A (Jerauld)	0	0	0	0	0	0	0.0%
41A (Jones)	0	0	0	0	0	0	0.0%
44A (Lincoln)	10	1	11	37	4	41	4.5%
45A (Lyman)	4	0	4	15	0	15	1.6%
46A (McCook)	1	0	1	4	0	4	0.4%
48A (Marshall/Roberts)	20	3	23	75	11	86	9.4%
49A (Meade/Pennington)	11	0	11	41	0	41	4.5%
50A (Mellette)	1	3	4	4	11	15	1.6%
52A (Moody)	3	0	3	11	0	11	1.2%
53A (Perkins)	0	0	0	0	0	0	0.0%
56A (Sanborn)	0	0	0	0	0	0	0.0%
58A (Stanley)	2	1	3	7	4	11	1.2%
60A (Tripp)	1	1	2	4	4	7	0.8%
61A (Turner)	1	2	3	4	7	11	1.2%
62A (Union)	15	1	16	56	4	60	6.5%
65A (Oglala Lakota)	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	19	0	19	71	0	71	7.8%
Unknown	35	4	39				
TOTALS	247	38	285	793	122	915	

Any by unit projected harvest values will differ from by statewide projected harvest values due to incorrect sampling proportions within management units.
Use these figures for approximations only!

Spring Archery Turkey 2000-2019



MENTORED SPRING TURKEY

There were 1,024 Mentored Spring Turkey licenses sold in South Dakota for the 2019 season. All were single tag licenses valid for a male turkey. All mentors/hunters were surveyed and 572 responses (59%) were received. Surveys were only sent via email and no corrections were made for nonresponse bias.

The 2019 spring season ran from April 13 through May 31. Respondents reported hunting an average of 2.03 days, which projected to a total of 2,079 recreation days for the season.

An estimated 295 male turkeys were harvested, resulting in a success rate for this season of 29%. The mean satisfaction score reported by hunters/mentors was 5.63 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The four units with the highest reported harvest were the Black Hills, Bon Homme, Grant, and Day/Codington.

Summary of the 2010-2019 Spring Mentored Youth Turkey Seasons

YEAR	Licenses	HARVEST				Avg Days	Average
	Sold	Males	Hens	Total	%Success	Hunted	Satisfaction
2010	535	228	0	228	43%	3.14	5.83
2011	601	210	0	210	35%	2.60	5.63
2012	559	205	0	205	37%	2.36	5.75
2013	642	190	2	192	30%	2.32	5.71
2014	679	211	0	211	31%	2.30	5.54
2015	654	205	0	205	31%	2.41	5.70
2016	734	277	0	277	38%	2.68	5.78
2017	799	310	0	310	39%	2.70	5.85
2018	735	261	0	261	35%	2.32	5.82
2019	1,024	295	0	295	29%	2.03	5.63

2019 Mentored Spring Turkey Harvest Projection

Last Revised:
11-Sep-19

Last Revised:
11-Sep-19

Unit/Type	Licenses		Response Rate	Unit Success	Harvest Projections			Average Days Hunted	Mean Satisfctn Score	
	Resident				Total					
	Avail.	Sold			Toms	Jakes	Hens			
ST1-32	Unlim	1,024	59%	29%	229	66	0	295	2.03	5.63

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2019 Spring Ment Youth Turkey Harvest Distribution

Last Revised:
11-Sep-19

County	Reported Harvest				Projected Harvest				%
	Toms	Jakes	Hens	Total	Toms	Jakes	Hens	Total	
01A (Minnehaha)	7	0	0	7	13	0	0	13	4.2%
02A (Pennington-East)	1	1	0	2	2	2	0	4	1.2%
06A (Brookings)	0	1	0	1	0	2	0	2	0.6%
07A (Yankton)	8	0	0	8	14	0	0	14	4.8%
08A (Davison/Hanson)	7	2	0	9	13	4	0	16	5.5%
11A (Bennett)	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	6	6	0	12	11	11	0	21	7.3%
13A (Brule)	2	0	0	2	4	0	0	4	1.2%
15A (Butte/Lawrence)	6	0	0	6	11	0	0	11	3.6%
16A (Campbell/Walworth)	2	0	0	2	4	0	0	4	1.2%
17A (Charles Mix/Douglas)	6	2	0	8	11	4	0	14	4.8%
19A (Clay)	3	1	0	4	5	2	0	7	2.4%
20A (Corson)	0	0	0	0	0	0	0	0	0.0%
21A (Custer/Penn-Mid)	4	1	0	5	7	2	0	9	3.0%
22A (Day/Codington)	8	2	0	10	14	4	0	18	6.1%
23A (Deuel)	6	1	0	7	11	2	0	13	4.2%
24A (Dewey/Ziebach)	3	0	0	3	5	0	0	5	1.8%
27A (Fall River)	2	1	0	3	4	2	0	5	1.8%
29A (Grant)	11	1	0	12	20	2	0	21	7.3%
30A (Gregory)	7	2	0	9	13	4	0	16	5.5%
31A (Haakon)	2	0	0	2	4	0	0	4	1.2%
32A (Hamlin)	0	1	0	1	0	2	0	2	0.6%
35A (Harding)	2	0	0	2	4	0	0	4	1.2%
36A (Hughes)	0	0	0	0	0	0	0	0	0.0%
37A (Hutchinson)	1	0	0	1	2	0	0	2	0.6%
39A (Jackson)	1	1	0	2	2	2	0	4	1.2%
40A (Jerauld)	1	0	0	1	2	0	0	2	0.6%
41A (Jones)	0	0	0	0	0	0	0	0	0.0%
44A (Lincoln)	4	0	0	4	7	0	0	7	2.4%
45A (Lyman)	1	1	0	2	2	2	0	4	1.2%
48A (Marshall/Roberts)	6	3	0	9	11	5	0	16	5.5%
49A (Meade/Pennington)	1	1	0	2	2	2	0	4	1.2%
50A (Mellette)	0	0	0	0	0	0	0	0	0.0%
52A (Moody)	1	1	0	2	2	2	0	4	1.2%
53A (Perkins)	0	0	0	0	0	0	0	0	0.0%
56A (Sanborn)	0	0	0	0	0	0	0	0	0.0%
58A (Stanley)	0	1	0	1	0	2	0	2	0.6%
60A (Tripp)	4	3	0	7	7	5	0	13	4.2%
61A (Turner)	2	0	0	2	4	0	0	4	1.2%
62A (Union)	3	1	0	4	5	2	0	7	2.4%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	1	0	0	1	2	0	0	2	0.6%
BH1 (Black Hills)	9	3	0	12	16	5	0	21	7.3%
Unknown	0	0	0	0					
TOTALS	128	37	0	165	229	66	0	295	

Any by unit projected values will differ from by statewide projected values due to incorrect sampling proportions within management units.
Use these figures for approximations only!

SPRING CUSTER STATE PARK TURKEY

In 2019, 594 hunters applied for the 100 resident licenses available for the Spring Custer State Park Turkey season, which was open from April 13 through May 19. All licenses consisted of single tags for male turkeys only.

All hunters were surveyed and 87 responded for a response rate of 87%. Surveys were sent via email and regular mail. The reported success rate was 48% and the projected harvest was 48 male turkeys. Hunters averaged 2.15 days of hunting for a projected total of 215 days of recreation for the season.

Summary comparison of the 2010-2019 Custer State Park Spring Turkey seasons

Year	Licenses Sold	Harvest	Success	Avg. Days Hunted	Average Satisfaction
2010	135	78	58%	2.10	NA
2011	135	59	44%	3.00	NA
2012	135	64	47%	2.24	5.57
2013	135	57	43%	2.18	5.77
2014	135	78	58%	2.71	5.56
2015	135	50	37%	2.56	4.83
2016	100	49	49%	2.08	6.05
2017	100	58	58%	1.88	6.29
2018	100	43	43%	2.21	5.33
2019	100	48	48%	2.15	5.81

2019 Custer State Park Spring Turkey Harvest

Last Revised:

11-Sep-19

Unit/Type	Appl. 1st Choice *	Licenses		Response Rate	Unit Success	LCI	UCI	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
		Resident	Avail.					Toms	Jakes	Total Harvest		
CU1-32	594	100	100	87%	48%	44%	52%	45	3	48	2.15	5.81

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

FALL PRAIRIE TURKEY

There were 548 licenses (522 resident, 26 nonresident) sold for the 2019 South Dakota Fall Prairie Turkey season for a total of 548 tags. All tags were valid for either a tom or a hen. The fall season ran from November 1 through January 31.

All hunters were surveyed and 381 responded for a 72% response rate. Approximately 71% of responding hunters used the Internet to respond. Respondents reported hunting an average of 2.11 days, which projected to a total of 1,097 recreation days for the season.

Harvest projections indicated 130 males were taken along with 52 hens for a total of 182 turkeys. The estimated success rate for the season was 33%.

The mean satisfaction score reported by hunters was 5.12 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Summary comparison of the 2010-2019 Fall Prairie Turkey seasons

Year	Licenses	Tags	HARVEST				Avg Days	Average
	Sold	Sold	Males	Hens	Total	% Success	Hunted	Satisfactn
2010	5,995	11,276	3,019	2,419	5,438	48%	2.87	5.36
2011	5,649	10,662	2,497	1,838	4,335	41%	3.15	5.13
2012	5,527	9,510	2,001	1,335	3,337	35%	2.91	5.12
2013	5,066	8,638	1,180	721	1,901	22%	2.68	4.76
2014	1,910	1,960	422	224	645	33%	2.26	4.91
2015	1,936	1,986	422	227	649	33%	2.56	4.80
2016	908	958	173	72	246	26%	2.19	4.87
2017	898	948	194	56	250	26%	2.46	4.86
2018	548	548	142	52	194	35%	2.18	5.09
2019	548	548	130	52	182	33%	2.11	5.12

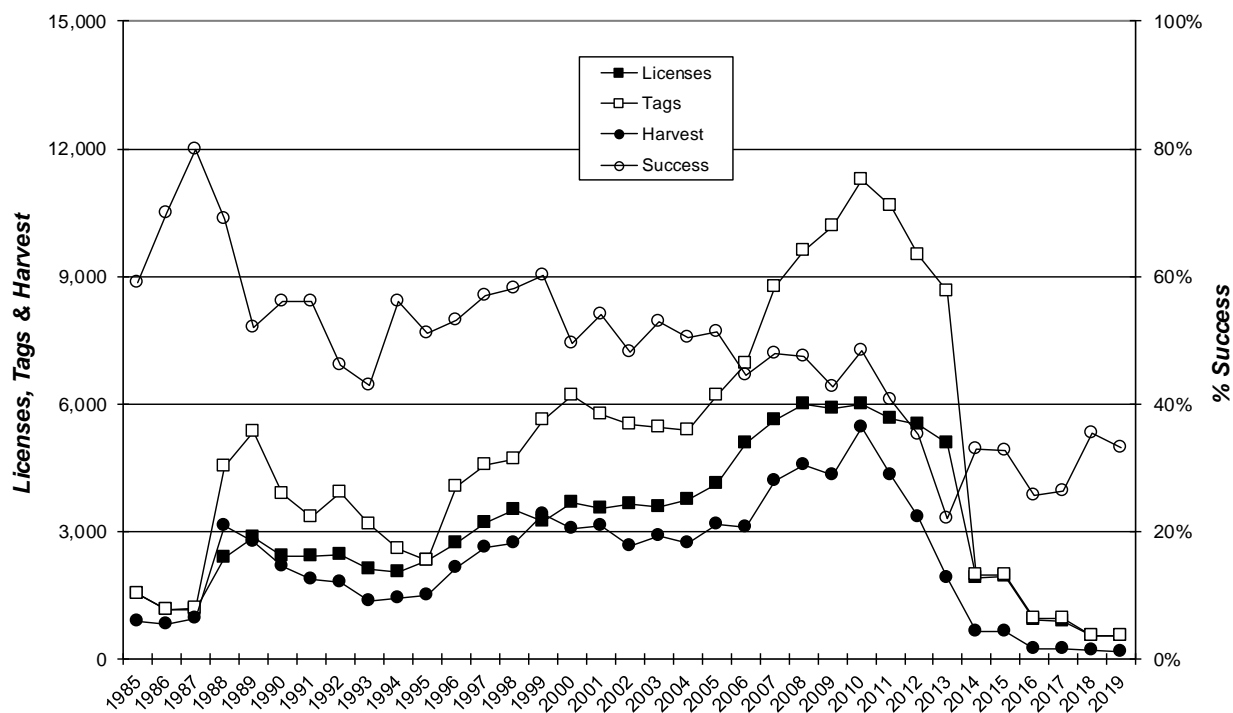
2019 Fall Prairie Turkey Harvest Projections

Last Revised: 29-Jun-20																	
Unit	Hunters	Licenses										Harvest Projections			Avg Days	Mean Satisfctn	
		Resident				Nonresident			Response	Tag							
		Appl. 1st	Choice *	Avail.	Sold	Appl. 1st	Choice *	Avail.			Sold	Males	Hens	Total			
Gregory	152	93	150	143	19	12	19	74%	35%	24	17	13	0	1	56	1.6	5.3
Jackson	25	16	25	25	1	2	2	78%	44%	6	0	6	0	0	12	2.1	6.0
Marshall/Roberts	101	101	100	101	N/A	0		81%	34%	18	11	5	0	0	34	2.0	5.1
Mellette	41	18	50	50	1	4	4	59%	26%	5	1	8	0	0	14	1.6	4.6
Tripp	52	47	50	53	1	4	1	74%	27%	13	0	1	0	0	15	1.5	4.5
Yankton	149	123	150	150	N/A	0		65%	34%	27	6	8	5	5	51	3.0	5.2
Totals	520	398	525	522	22	22	26	71.5%	33.3%	94	36	41	5	6	182	2.11	5.12

The response rate for all units combined was: 71%

* Number of 1st drawing applicants with that season as 1st choice.

Fall Prairie Turkey 1985-2019



FALL BLACK HILLS TURKEY

There were 216 Fall Black Hills Turkey licenses (204 resident, 12 nonresident) sold in South Dakota for the 2019 season. All were single tag licenses valid for either a tom or a hen. The fall season ran from November 1 through January 31.

Of the 216 license-holders that were surveyed, 157 responded for a 73% response rate. Approximately 83% of responding hunters used the Internet to do so. Respondents reported hunting an average of 2.20 days, which projected to a total of 473 recreation days for the season.

An estimated 34 males were harvested along with 18 hens, a total of 53 turkeys. The overall estimated success rate for the season was 25%.

The mean satisfaction score reported by hunters was 4.76 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Summary comparison of the 2010-2019 Fall Black Hills Turkey seasons

YEAR	LICENSES SOLD		HARVEST				Avg Days	Average
	Resident	Nonresid	Males	Hens	Total	%Success	Hunted	Satisfaction
2010	3,198	114	907	646	1,553	47%	3.05	5.22
2011	2,977	121	537	513	1,050	34%	3.89	4.85
2012	2,075	90	457	470	927	43%	3.39	4.95
2013	1,546	81	185	188	373	23%	2.81	4.57
2014	764	46	100	114	215	27%	3.24	4.54
2015	406	27	66	62	127	29%	3.44	4.58
2016	408	26	91	55	147	34%	2.79	4.85
2017	415	18	87	52	139	32%	3.82	4.88
2018	204	16	27	26	54	25%	2.74	4.85
2019	204	12	34	18	53	25%	2.20	4.76

2019 Fall Black Hills Turkey Harvest Projections

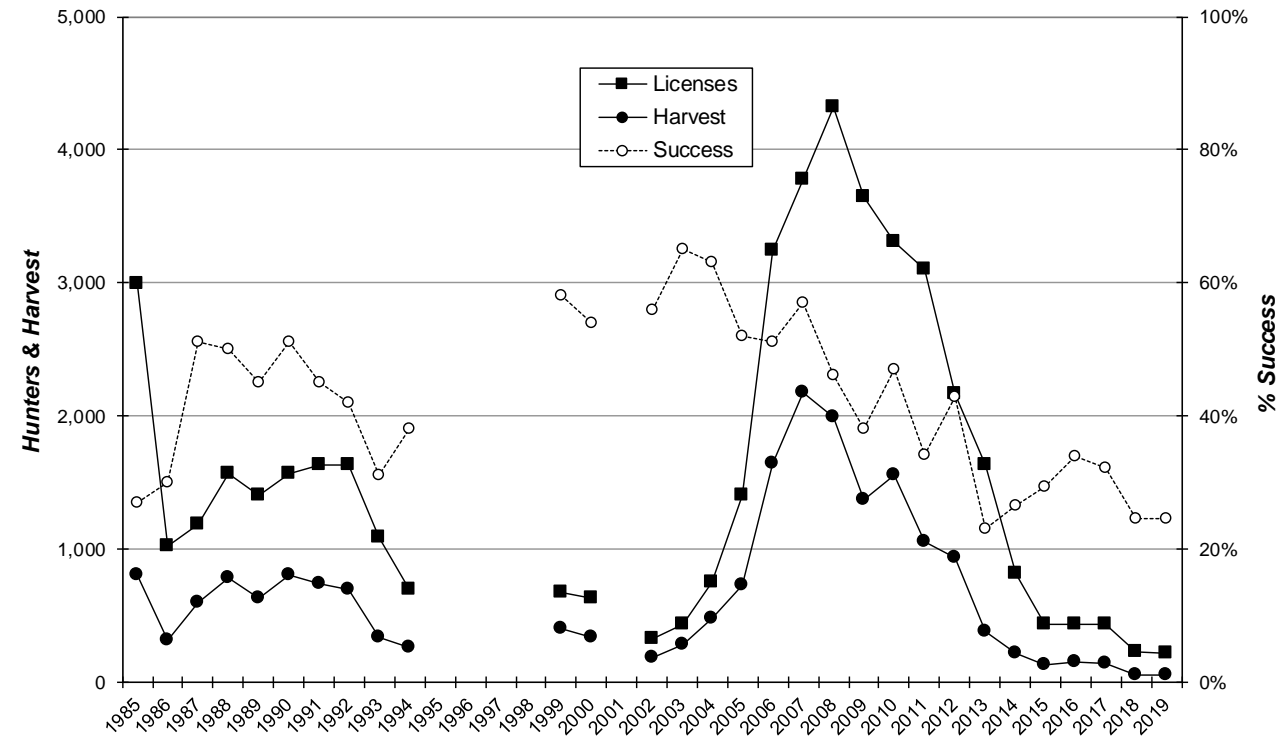
Last Revised:

29-Jun-20

Unit/Type		Licenses										Harvest Projections							Average	Mean
		Resident				Nonresident				Response	Tag						Total	Days	Satisfctn	
		Appl. 1st	Choice *	Avail.	Sold	Appl. 1st	Choice *	Avail.	Sold			Males	Jakes	Adults	Jennies	Unk				
Hunters		215	206	200	204	10	16	12	73%	25%	23	11	16	1	1	53	2.20	4.76		

* Number of 1st drawing applicants with that season as 1st choice.

Black Hills Fall Turkey 1985-2019



FALL MENTORED YOUTH TURKEY

There were 412 Fall Mentored Youth Turkey licenses sold in South Dakota for the 2019 season. All were single tag licenses valid for either a tom or a hen. All mentors/hunters were surveyed and 273 responses (65%) were received. Approximately 75% of responding mentors/hunters used the Internet to respond.

The fall season ran from November 1 through January 31. Respondents reported hunting an average of 1.18 days, which projects to a total of 486 recreation days for the season.

An estimated 40 males were harvested along with 22 hens, a total of 60 turkeys (difference due to rounding error). The reported success rate for this season was 15%. The mean satisfaction score reported by hunters/mentors was 5.28 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The four management units with the highest reported harvest were the Black Hills, Gregory, Mellette, and Marshall/Roberts.

Summary comparison of the 2010-2019 Fall Mentored Youth Turkey seasons

YEAR	Licenses	HARVEST				Avg Days	Average
	Sold	Males	Hens	Total	%Success	Hunted	Satisfaction
2010	423	88	68	156	37%	1.91	5.59
2011	442	65	51	116	26%	2.24	5.34
2012	529	89	61	149	28%	2.33	5.56
2013	520	57	35	92	18%	2.02	5.41
2014	390	46	29	75	19%	1.72	5.19
2015	370	58	39	98	21%	1.87	5.17
2016	429	62	21	84	20%	1.55	5.48
2017	453	60	22	83	18%	1.87	5.34
2018	521	68	27	96	18%	1.67	5.35
2019	412	40	22	60	15%	1.18	5.28

2019 Fall Mentored Youth Turkey Harvest Projections

Last Revised:
29-Jun-20

Last Revised:

29-Jun-20

Unit/Type	Hunters	Licenses		Response Rate	Tag Success	Harvest Projections					Total Harvest	Average Days Hunted	Mean Satisfaction
		Resident				Males		Hens					
		Avail.	Sold			Adults	Jakes	Adults	Jennies	Unk			
ST1-31	412	Unlim	412	65%	15%	29	11	14	3	5	60	1.18	5.28

2019 Fall Mentored Youth Turkey Harvest Distribution

Last Revised:
29-Jun-20

29-Jun-20	Reported Harvest							Projected Harvest								
	Males			Females					Males			Females				
County	Toms	Jakes	Hens	Jennies	Unk	Hens	Total	Toms	Jakes	Hens	Jennies	Unk	Hens	Total	%	
01A (Minnehaha)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
02A (Pennington-East)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
06A (Brookings)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
07A (Yankton)	0	0	1	0	0	0	1	0	0	2	0	0	0	2	2.5%	
08AB (Davison/Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
11A (Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
12A (Bon Homme)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
13A (Brule)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
15A (Butte/Lawrence)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
17A (Charles Mix/Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
19AB (Clay)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
20A (Corson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
21A (Custer/Penn-Mid)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
22A (Day/Codington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
23A (Deuel)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
24A (Dewey)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
27A (Fall River)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
29A (Grant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
30A (Gregory)	3	0	1	0	0	0	4	6	0	2	0	0	0	7	12.0%	
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
35A (Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
36A (Hughes)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
37A (Hutchinson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
39A (Jackson)	0	0	1	0	0	0	1	0	0	2	0	0	0	2	2.5%	
40A (Jerauld)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
41A (Jones)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
44AB (Lincoln)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
48A (Marshall/Roberts)	3	2	1	0	0	0	6	6	3	2	0	0	0	10	17.0%	
49A (Meade/Pennington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
50A (Mellette)	1	2	1	0	0	0	4	2	3	2	0	0	0	6	10.7%	
52A (Moody)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
53A (Perkins)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
58A (Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
60A (Tripp)	1	0	0	0	0	0	1	2	0	0	0	0	0	2	3.2%	
61A (Turner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
62AB (Union)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
65A (Shannon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
BH1 (Black Hills)	7	3	4	0	3	0	17	13	5	6	0	5	5	28	47.2%	
Unknown	4	0	0	2	0	0	6									
TOTALS	19	7	9	2	3	0	40	29	11	14	3	5	60			

Any by unit projected harvest values will differ from by statewide projected harvest values due to incorrect sampling proportions within management units.
Use these figures for approximations only!

ARCHERY ANTELOPE

There were 2,414 single-tag archery antelope licenses issued in 2019 (1,781 resident and 633 nonresident). The archery season ran from August 17 through October 31, except when and where a state firearm antelope season was open. All license holders were surveyed, and the response rate was 71%, with 79% of those responding through the Internet.

The overall success rate for the archery season was estimated to be 25%, with 513 bucks, 66 does, 20 buck-kids, and 6 doe-kids harvested. Of the 22 management units where antelope were reported harvested, the Harding County and Butte County units accounted for over 63% of all harvest.

Average hunter satisfaction was 5.40 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

2019 Archery Antelope Harvest Projections

Last Revised: 2/11/2020

Unit/Type	Resident		Nonres		Tags sold	Response Rate	Unit Success	Harvest Projections					Avg Satisfactn Rating	Avg Days Hunted
	Avail.	Sold	Avail.	Sold				Buck Bucks	Doe Does	Total Kids	Kids Harvest			
ST1-41	Unlmted	1,781	Unlmted	633	2,414	71%	25%	513	66	20	6	605	5.40	3.79

Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

Harvest summaries for the 2010-2019 Archery Antelope seasons

YEAR	Licenses Sold		Harvest		Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonresident	Bucks	Does			
2010	1,490	503	363	87	13%	4.13	4.63
2011	1,246	309	281	56	16%	4.18	4.48
2012	1,212	255	297	22	22%	3.80	4.74
2013	1,164	280	292	38	23%	3.77	4.97
2014	1,165	354	356	28	25%	3.94	5.19
2015	1,372	372	411	52	27%	4.07	5.26
2016	1,523	400	466	42	26%	3.80	5.33
2017	1,569	521	529	52	28%	4.00	5.44
2018	1,632	570	529	56	27%	4.17	5.43
2019	1,781	633	533	72	25%	3.79	5.40

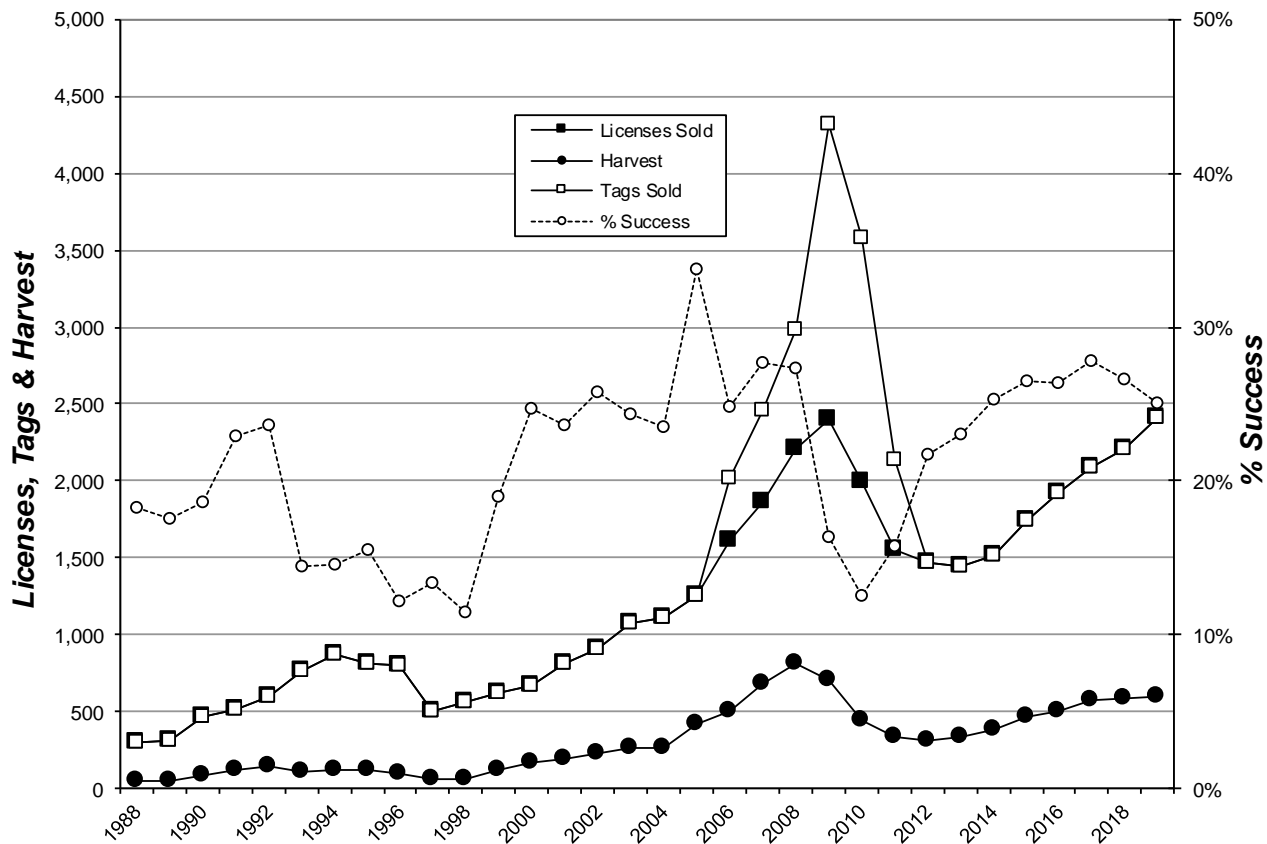
2019 Archery Antelope Harvest by Management Unit

Last Revised:
11-Feb-20

Unit/County	Reported Harvest					Projected Harvest					
	Adults		Fawns		Total	Adults		Fawns		Total	
	Buck	Doe	Buck	Doe		Buck	Doe	Buck	Doe	Projected	%
02A (Pennington E)	8	1	0	0	9	12	1	0	0	13	2.2%
11A (Bennett/Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0.0%
15A (Butte NW)	40	10	1	1	52	58	15	2	1	75	12.5%
15B (Butte/Lawrence)	37	4	3	0	44	53	6	5	0	64	10.5%
20A (Corson)	2	0	0	0	2	3	0	0	0	3	0.5%
21A (Custer E /Penn C)	7	0	0	0	7	10	0	0	0	10	1.7%
24A (Dewey)	0	0	0	0	0	0	0	0	0	0	0.0%
27A (F River/Custer SW)	17	1	0	0	18	24	1	0	0	26	4.3%
31A (Haakon)	1	2	0	0	3	1	3	0	0	4	0.7%
35A (Harding W)	122	5	2	1	130	176	7	3	1	188	31.0%
35B (Harding E)	28	8	2	1	39	40	12	3	1	57	9.4%
36A (Hughes)	4	0	0	0	4	6	0	0	0	6	1.0%
38A (Hyde, Hand, Buffalo)	4	1	0	0	5	6	1	0	0	7	1.2%
39A (Jackson)	6	0	0	0	6	9	0	0	0	9	1.4%
41A (Jones)	4	0	0	0	4	6	0	0	0	6	1.0%
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	21	4	2	0	27	30	6	3	0	39	6.5%
49B (Meade S)	9	1	0	0	10	13	1	0	0	14	2.4%
50A (Mellette)	0	1	0	0	1	0	1	0	0	1	0.2%
53A (Perkins N)	9	1	2	0	12	13	1	3	0	17	2.9%
53B (Perkins S)	19	1	0	1	21	27	1	0	1	30	5.0%
58A (Stanley)	4	1	1	0	6	6	1	2	0	9	1.4%
59A (Sully)	5	3	0	0	8	7	4	0	0	12	1.9%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	5	1	0	0	6	7	1	0	0	9	1.4%
64A (Ziebach)	4	0	0	0	4	6	0	0	0	6	1.0%
BH (Black Hills Pennington/Custer)	0	0	0	0	0	0	0	0	0	0	0.0%
Unknown	8	2	1	0	11						
TOTALS	364	47	14	4	429	513	66	20	6	605	

Use these figures for approximations only!

Archery Antelope 1988-2019



FIREARM ANTELOPE

A total of 4,856 licenses (4,715 resident; 141 nonresident) were available for the 2019 Firearm Antelope hunting season. Including Landowner Own Land licenses, a total of 5,235 licenses were sold representing 6,054 total tags. The 2019 season was open from September 28 - October 13.

A random sample of 3,639 hunters was taken from total license sales and 2,884 surveys were returned for a 79% response rate. Approximately 75% of responses were received through the Internet. Respondents reported hunting an average of 1.91 days each, which projects to 9,977 total recreation days for the season.

The harvest projections for the season included 2,499 adult bucks, 1,124 adult does, 130 buck-kids, and 126 doe-kids for a total of 3,878 antelope. The estimated overall tag success for the season was 64%.

Harvest summaries for the 2012-2019 Firearm Antelope seasons

YEAR	Licenses Sold		Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonres	Bucks	Does	Total			
2012	3,965	0	1,695	942	2,637	53%	2.05	4.79
2013	3,467	0	1,454	480	1,935	48%	1.76	4.72
2014	2,991	61	1,770	314	2,083	66%	1.99	5.12
2015	3,260	62	1,910	314	2,224	64%	2.08	5.23
2016	3,266	62	2,112	350	2,461	70%	2.04	5.42
2017	5,286	146	2,692	1,093	3,784	64%	2.22	5.26
2018	5,412	127	2,845	1,000	3,845	63%	2.12	5.27
2019	5,096	139	2,629	1,249	3,878	64%	1.91	5.33

2019 Firearm Antelope Harvest Projections

Unit Description		Residents										Nonresidents										Harvest Projections										Mean	Avg
		Appl. 1st					Appl. 1st					Response		Tags	Tag	Hunter	Success		Adults		Kids		Total	Satisf	Days								
		Choice *	Available	Sold	Choice *	Available	Sold	Rate	Sold	Success	1st tag	2nd tag	Bucks	Does	Bucks		Does	Harvest	CI (95%)	Score	Hunted												
Pennington E	02A-41	302	100	101	13	2	2	79%	103	69%	69%	69%	69%	60	10	1	0	71	+/-5	5.55	2.10												
Bennett/Oglala Lakota	11A-41	93	50	50	2	1	1	75%	51	47%	47%	47%	47%	21	1	1	0	24	+/-4	4.91	1.92												
Butte NW	15A-41	553	200	202	68	4	4	82%	206	74%	74%	74%	74%	129	21	3	0	153	+/-9	5.05	1.97												
	15A-43	12	100	100	4	2	2	81%	102	64%	64%	64%	64%	0	49	9	7	65	+/-8	4.75	2.48												
Butte/Lawrence	15B-41	854	250	250	39	5	5	86%	255	79%	79%	79%	79%	174	19	7	2	202	+/-11	5.67	1.84												
	15B-43	23	100	100	11	2	2	81%	102	70%	70%	70%	70%	0	53	12	7	71	+/-7	5.71	1.53												
Corson	20A-41	133	70	71	10	2	2	84%	73	72%	72%	72%	72%	49	4	0	0	53	+/-3	5.44	2.28												
Custer E /Penn C	21A-41	267	100	100	19	2	2	83%	102	61%	61%	61%	61%	58	4	1	0	62	+/-4	4.88	2.42												
Dewey	24A-41	49	50	50	4	2	2	83%	52	60%	60%	60%	60%	27	4	1	0	31	+/-3	5.31	2.23												
F River/Custer SW	27A-41	1,357	550	550	81	11	11	83%	561	72%	72%	72%	72%	335	58	9	2	405	+/-23	5.27	2.10												
Haakon	31A-41	149	100	100	8	2	2	76%	102	70%	70%	70%	70%	54	15	3	0	71	+/-5	5.24	1.71												
Harding W	35A-48	920	300	302	185	12	11	80%	626	57%	74%	69%	46%	215	119	14	10	358	+/-40	5.37	2.11												
	35A-49	39	300	299	20	12	12	80%	622	55%	69%	69%	41%	0	265	25	51	341	+/-42	5.56	1.65												
Harding E	35B-41	748	300	300	78	6	6	82%	306	71%	71%	71%	71%	203	9	0	4	216	+/-17	5.41	1.91												
	35B-43	8	200	200	4	4	4	80%	204	59%	59%	59%	59%	0	100	9	11	119	+/-15	5.58	1.83												
Hughes	36A-41	62	25	25	0	1	1	85%	26	77%	77%	77%	77%	20	0	0	0	20	+/-2	6.00	2.50												
Hand/Hyde/Bufalo	38A-41	61	10	10	2	1	1	100%	11	73%	73%	73%	73%	7	1	0	0	8	+/-0	5.00	2.09												
Jackson	39A-41	173	50	50	7	1	1	82%	51	81%	81%	81%	81%	35	6	0	0	41	+/-2	5.31	2.07												
Jones	41A-41	73	40	40	9	1	2	81%	42	71%	71%	71%	71%	28	0	1	0	30	+/-2	5.12	3.26												
Meade N	49A-41	849	400	400	53	8	8	80%	408	68%	68%	68%	68%	247	20	5	5	277	+/-21	5.27	1.85												
	49A-43	14	100	100	11	2	2	74%	102	53%	53%	53%	53%	0	42	2	10	54	+/-10	4.24	1.49												
Meade S	49B-41	461	300	300	42	24	23	80%	323	63%	63%	63%	63%	173	26	2	0	202	+/-19	5.47	1.90												
	49B-43	7	200	201	9	16	15	83%	216	52%	52%	52%	52%	0	101	6	6	113	+/-14	4.93	1.80												
Mellette/Todd	50A-41	63	30	30	5	1	1	81%	31	68%	68%	68%	68%	14	7	0	0	21	+/-2	5.26	2.04												
Perkins N	53A-41	346	150	150	52	3	3	87%	153	74%	74%	74%	74%	111	2	0	0	113	+/-5	5.58	1.84												
Perkins S	53B-41	681	250	251	46	5	5	79%	256	77%	77%	77%	77%	182	14	0	0	196	+/-13	5.66	1.61												
	53B-43	14	150	150	7	3	3	75%	153	61%	61%	61%	61%	0	77	8	8	93	+/-12	5.09	1.66												
Stanley	58A-41	92	40	40	2	1	1	90%	41	73%	73%	73%	73%	28	2	0	0	30	+/-2	5.39	1.76												
Sully	59A-41	104	30	30	4	1	1	87%	31	85%	85%	85%	85%	26	0	0	0	26	+/-1	5.80	2.30												
Walworth/Potter	63A-41	82	20	20	2	1	1	71%	21	47%	47%	47%	47%	10	0	0	0	10	+/-3	4.62	1.93												
Ziebach	64A-41	214	150	150	13	3	3	79%	153	66%	66%	66%	66%	94	7	0	0	101	+/-6	5.46	1.44												
Landowner Own Land	ST1-41	NA	Unltd	179	NA	0	0	66%	179	55%	56%	55%	55%	89	9	2	0	99	+/-9	5.29	1.92												
	ST1-48	NA	Unltd	195	NA	0	0	60%	390	51%	67%	66%	37%	109	79	8	3	200	+/-23	5.27	1.88												
Totals		8,803	4,715	5,096	810	141	139	79%	6,054	64%	68%			2,499	1,124	130	126	3,878	+/-342	5.33	1.91												
* Number of 1st drawing applicants with that Unit/Type as 1st choice.																																	

* Number of 1st drawing applicants with that Unit/Type as 1st choice.

2019 Antelope LOL Harvest Distribution

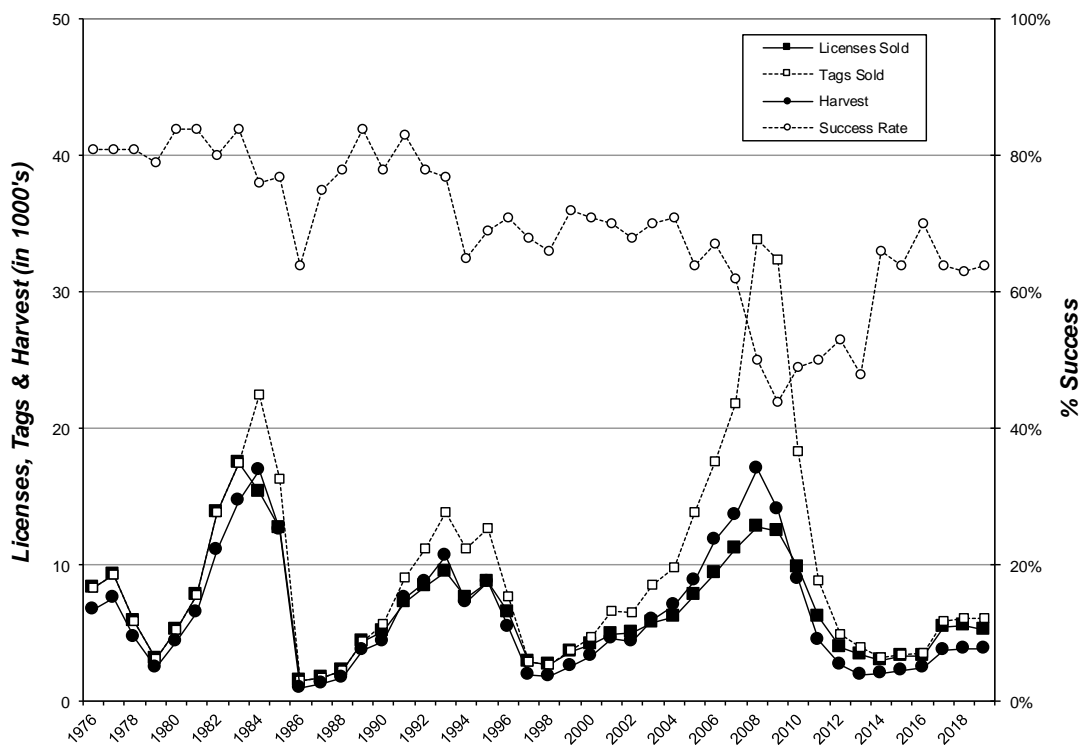
Last Revised:
7-Feb-20

7-Feb-20		Reported Harvest					Projected Harvest				Total	
Unit		Bucks	Does	Buck kids	Doe kids	Total	Bucks	Does	Buck kids	Doe kids	Projected	%
Pennington E	02A	3	3	0	0	6	5	5	0	0	10	3.4%
Bennett/Oglala Lakota	11A	1	1	0	0	2	2	2	0	0	3	1.1%
Butte NW	15A	5	3	1	0	9	8	5	2	0	15	5.1%
Butte/Lawrence	15B	9	4	0	0	13	15	7	0	0	22	7.4%
Corson	20A	2	1	0	0	3	3	2	0	0	5	1.7%
Custer E /Penn C	21A	2	3	1	1	7	3	5	2	2	12	4.0%
Dewey	24A	1	0	0	0	1	2	0	0	0	2	0.6%
F River/Custer SW	27A	3	1	0	0	4	5	2	0	0	7	2.3%
Haakon	31A	7	2	0	0	9	12	3	0	0	15	5.1%
Harding W	35A	6	0	0	0	6	10	0	0	0	10	3.4%
Harding E	35B	5	2	0	0	7	8	3	0	0	12	4.0%
Hughes	36A	4	0	0	0	4	7	0	0	0	7	2.3%
Hand/Hyde/Bufalo	33A	4	2	0	0	6	7	3	0	0	10	3.4%
Jackson	39A	11	4	0	0	15	19	7	0	0	26	8.5%
Jones	41A	5	1	0	0	6	8	2	0	0	10	3.4%
Meade N	49A	7	4	0	0	11	12	7	0	0	19	6.3%
Meade S	49B	10	7	0	0	17	17	12	0	0	29	9.7%
Mellette/Todd	50A	0	0	1	0	1	0	0	2	0	2	0.6%
Perkins N	53A	8	1	0	0	9	14	2	0	0	15	5.1%
Perkins S	53B	10	7	1	1	19	17	12	2	2	32	10.8%
Stanley	58A	2	2	0	0	4	3	3	0	0	7	2.3%
Sully	59A	3	0	0	0	3	5	0	0	0	5	1.7%
Walworth/Potter	63A	2	1	2	0	5	3	2	3	0	8	2.8%
Ziebach	64A	7	2	0	0	9	12	3	0	0	15	5.1%
Unknown		7	2	0	0	9						
TOTALS		124	53	6	2	185	198	88	10	3	299	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

Firearm Antelope 1976-2019



MENTORED YOUTH ANTELOPE

There were 853 resident single-tag doe/kid licenses issued for the 2019 Mentored Youth Antelope hunting season. All mentors/hunters were sampled and 593 responses (72%) were received to a combination of electronic and paper surveys.

The Mentored Youth licenses were valid during the Archery and Firearm Antelope seasons. The Archery season ran from August 17 through October 31, except when and where a state firearm antelope season was open. The Firearm Antelope season was open from September 28 - October 13. Respondents reported hunting an average of 1.46 days each, which projected to 1,246 recreation days for the season.

Projections for the season estimated that 56 buck kids, 282 doe adults and 52 doe kids were harvested. The estimated total harvest for the Mentored Youth Antelope season was 390, and the overall success rate was 46%.

The five units with the highest reported harvest were Butte/Lawrence (15B), Fall River/Custer SW (27A), Harding W (35A), Butte NW (15A), and Perkins S (53B). The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.61.

Summary for the 2010-2019 Mentored Youth Antelope hunting seasons

YEAR	Licenses Sold	Harvest				Success	Avg Days Hunted	Average Satisfctn
		Buck Kids	Doe		Total			
			Adults	Kids				
2010	319	16	91	14	121	38%	1.88	5.15
2011	273	17	67	3	87	32%	1.50	5.31
2012	316	15	101	11	128	40%	1.61	5.66
2013	350	14	80	14	108	31%	1.32	5.35
2014	361	16	126	22	163	45%	1.58	5.58
2015	493	32	165	32	230	47%	1.71	5.72
2016	538	28	225	14	267	50%	1.83	5.72
2017	629	36	244	26	305	49%	1.79	5.64
2018	824	41	294	45	380	46%	1.65	5.50
2019	853	56	282	52	390	46%	1.46	5.61

2019 Mentored Youth Antelope Harvest Projections

Last Revised:
10-Feb-20

Unit/Type	Available	Sold	Response Rate	Unit Success	Harvest Projections				Avg Satisfctn Score	Avg Days Hunted
					Adult Does	Doe Kids	Buck Kids	Total Harvest		
ST1-43	Unlimited	853	72%	46%	282	52	56	390	5.61	1.46

Satisfaction is based on a scale of 1-7, where "1" is most dissatisfied, "4" is neutral and "7" is most satisfied.

2019 Mentored Antelope Harvest Distribution

Last Revised:

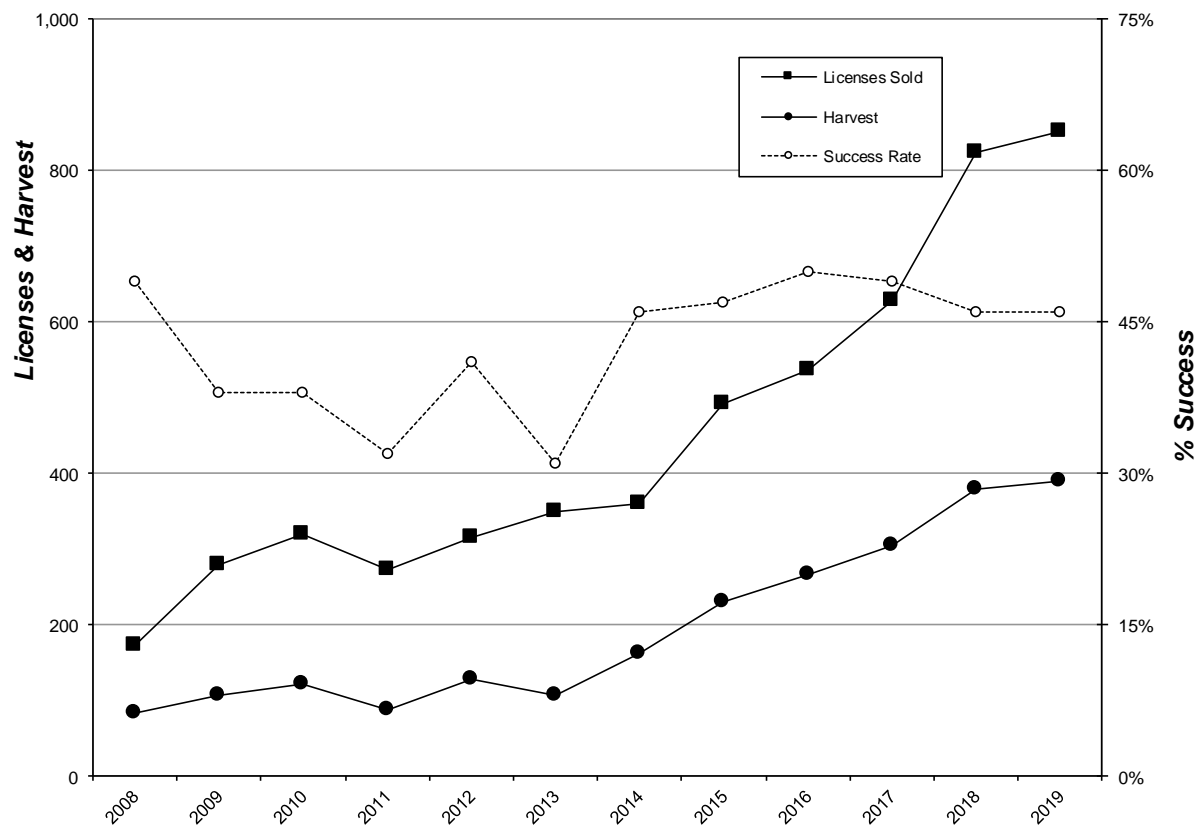
10-Feb-20

Unit	Reported Harvest				Projected Harvest			Total	
	Does	Doe Kids	Buck Kids	Total	Does	Doe Kids	Buck Kids	Projected	%
02A (Pennington E)	12	4	1	17	18	6	2	25	6.5%
11A (Bennett/Oglala Lakota)	5	1	0	6	7	1	0	9	2.3%
15A (Butte NW)	15	3	4	22	22	4	6	33	8.4%
15B (Butte/Lawrence)	12	3	4	19	18	4	6	28	7.3%
20A (Corson)	1	1	0	2	1	1	0	3	0.8%
21A (Custer E /Penn C)	9	0	1	10	13	0	2	15	3.8%
24A (Dewey)	3	0	2	5	4	0	3	8	1.9%
27A (F River/Custer SW)	18	5	5	28	27	7	8	42	10.7%
31A (Haakon)	3	1	1	5	4	1	2	7	1.9%
35A (Harding W)	26	6	8	40	39	9	12	60	15.3%
35B (Harding E)	15	3	0	18	22	4	0	27	6.8%
36A (Hughes)	4	0	0	4	6	0	0	6	1.5%
38A (Hyde, Hand, Buffalo)	4	0	0	4	6	0	0	6	1.5%
39A (Jackson)	5	0	0	5	7	0	0	7	1.9%
41A (Jones)	1	0	0	1	1	0	0	1	0.4%
45A (Lyman)	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	12	2	1	15	18	3	2	22	5.7%
49B (Meade S)	12	3	1	16	18	4	2	24	6.1%
50A (Mellette)	1	0	0	1	1	0	0	1	0.4%
53A (Perkins N)	4	0	1	5	6	0	2	7	1.9%
53B (Perkins S)	14	2	4	20	21	3	6	30	7.7%
58A (Stanley)	2	0	1	3	3	0	2	4	1.2%
59A (Sully)	6	0	2	8	9	0	3	12	3.1%
60A (Tripp)	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	2	0	0	2	3	0	0	3	0.8%
64A (Ziebach)	3	2	1	6	4	3	2	9	2.3%
Unknown	7	0	2	9					
TOTALS	196	36	39	271	282	52	56	390	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

Mentored Youth Antelope 2008-2019



CUSTER STATE PARK ANTELOPE

The Custer State Park Antelope season was closed in 2019.

Summary comparison of the 2011-2019 seasons

Year	Apps	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
			Bucks	Does	Total			
2011	1,170	3	3	0	3	100%	1.3	NA
2012	916	3	3	0	3	100%	1.3	NA
2013	995	3	3	0	3	100%	1.0	NA
2014	1,086	3	3	0	3	100%	2.0	6.00
2015	1,223	3	3	0	3	100%	1.7	6.67
2016	1,243	3	3	0	3	100%	1.3	7.00
2017	Season Closed							
2018	Season Closed							
2019	Season Closed							

ARCHERY ELK

A total of 216 resident licenses were issued for the 2019 Archery Elk season. All license holders were sent a survey at the end of the season and 193 responded for an 89% response rate. Approximately 79% responded through the Internet.

Respondents reported hunting an average of 11.08 days for a total of 2,393 days of recreation for the season. The projected harvest was 77 bulls and 14 cows for an overall success rate of 42%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.61 for the season. Approximately 95% of responding hunters reported hunting on public land, 4% on private land they did not own, and 1% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check-in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison of the 2010-2019 Archery Elk seasons

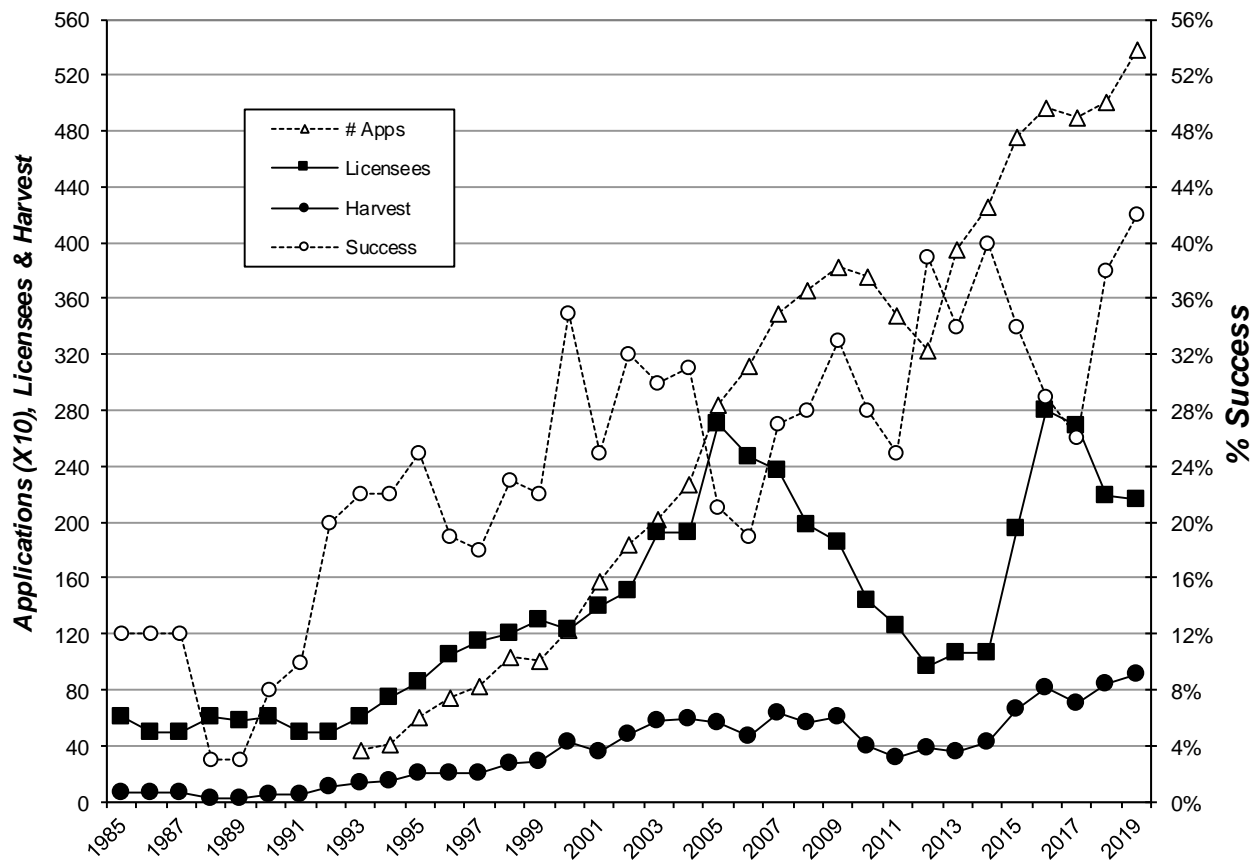
Year	# Apps 1 st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2010	3,761	144	34	6	40	28%	11.88	5.16
2011	3,486	126	24	8	32	25%	11.42	5.01
2012	3,228	97	33	4	38	39%	11.94	5.34
2013	3,952	107	33	3	36	34%	11.97	5.59
2014	4,256	106	38	4	42	40%	11.68	5.61
2015	4,761	196	55	12	66	34%	11.74	5.39
2016	4,965	280	57	25	82	29%	11.11	5.40
2017	4,892	269	50	20	70	26%	11.29	5.60
2018	5,006	219	65	19	84	38%	11.70	5.50
2019	5,382	216	77	14	91	42%	11.08	5.61

2019 Archery Elk Harvest Projections

Last Revised: 16 March 2020

Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
Appl. 1st						Bull	Cow	Total Elk		Elk Shot Not Recovered	Score				Hunted	Public	Own
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves			Harvested	CI (95%)	Score			
H1A-21	705	20	18	89%	81%	15	0	0	0	15	+/-1	5	5.9	12.3	18	0	0
H1A-23	7	10	9	100%	33%	0	3	0	0	3	+/-0	1	5.4	6.3	9	0	0
H2A-21	3,831	90	89	93%	51%	44	0	1	0	45	+/-3	12	5.8	13.4	86	0	2
H2A-23	82	50	50	86%	12%	0	6	0	0	6	+/-2	0	5.0	7.3	42	0	0
H3A-21	557	25	25	80%	55%	14	0	0	0	14	+/-2	1	6.0	13.5	18	3	5
H3A-23	8	20	18	83%	27%	0	5	0	0	5	+/-2	1	5.2	7.1	16	0	1
H5A-21	28	2	2	100%	50%	1	0	0	0	1	+/-0	0	6.0	12.5	2	0	0
H7A-21	164	5	5	100%	60%	3	0	0	0	3	+/-0	0	6.6	13.0	5	0	0
Totals	5,382	222	216	89.4%	42.1%	76	14	1	0	91	+/- 10	20	5.61	11.08	196	2	8
The response rate for all units combined is:					89.4%												
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.															95%	1%	4%
* Number of 1st drawing applicants with that unit as 1st choice.																	

Archery Elk 1985-2019



BLACK HILLS FIREARM ELK

A total of 1,108 licenses were issued for the 2019 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 924 responded for an 83% response rate. Approximately 79% responded through the Internet.

Respondents reported hunting an average of 5.00 days which projects to a total of 5,540 days of recreation for the season. The projected harvest was 332 bulls and 354 cows for an overall success rate of 62%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.48 for the season. Approximately 86% of responding hunters reported hunting on public land, 9% on private land they did not own, and 5% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison of the 2010-2019 Black Hills Firearm Elk seasons

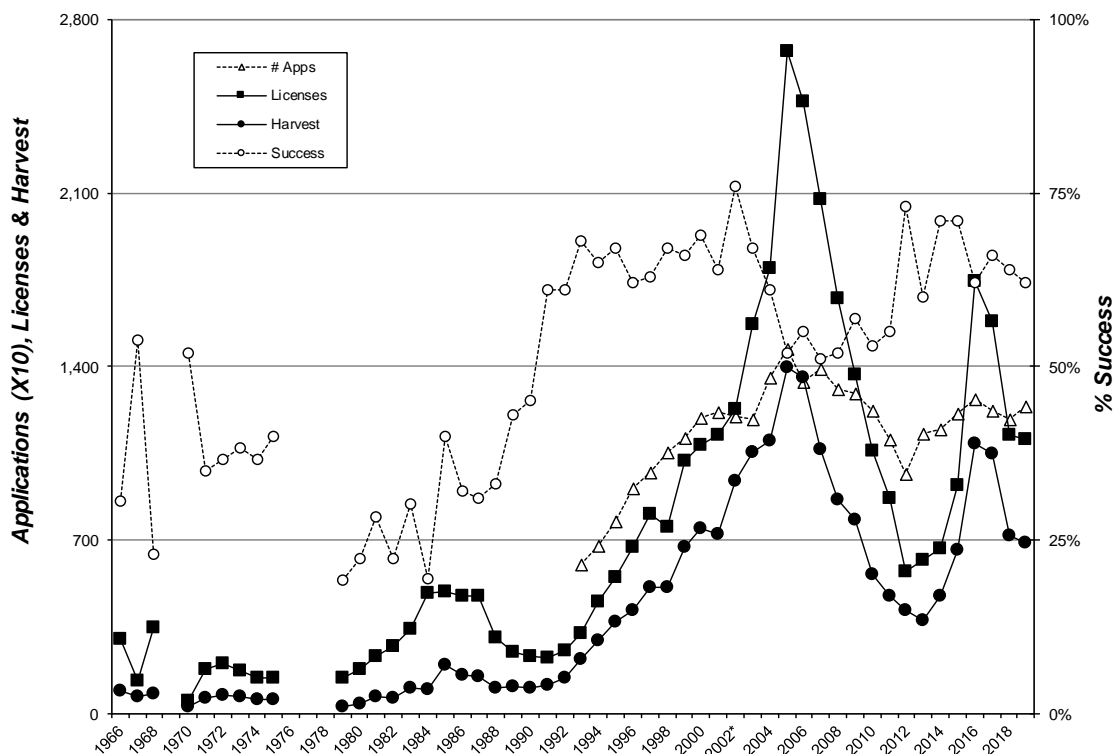
Year	# Apps	Licenses	Harvest			Success	Avg. Days	Average
	1st Choice	Sold	Bulls	Cows	Total	Rate	Hunted	Satisfaction
2010	12,197	1,059	300	260	560	53%	6.64	4.47
2011	11,031	866	299	173	472	55%	6.80	4.64
2012	9,665	570	291	125	416	73%	6.37	5.30
2013	11,274	620	272	103	374	60%	6.63	4.65
2014	11,461	664	295	178	472	71%	5.85	5.46
2015	12,126	922	312	345	657	71%	6.66	5.54
2016	12,692	1,745	363	724	1,087	62%	4.59	5.42
2017	12,201	1,581	364	682	1,047	66%	4.77	5.50
2018	11,871	1,124	315	402	717	64%	5.08	5.36
2019	12,396	1,108	332	354	686	62%	5.00	5.48

2019 Black Hills Firearm Elk Harvest Projections

Last Revised: 16 March 2020

Resident Licenses						Harvest Projections						Avg		Avg	Land Hunted Most			
Appl. 1st						Bull		Cow		Total Elk		Elk Shot Not		Satisfctn	Days		Other	
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Harvested	CI (95%)	Recovered	Score	Hunted	Public	Own	Private	
H1A-21	1,194	60	60	82%	76%	42	4	0	0	45	+/-3	1	5.88	8.0	54	5	0	
H1B-23	45	20	20	80%	31%	0	6	0	0	6	+/-2	0	4.69	5.5	19	1	0	
H2A-21	8,686	250	248	88%	79%	179	14	2	2	197	+/-5	23	5.84	7.2	225	12	3	
H2B-23	227	75	72	90%	55%	0	34	2	3	40	+/-3	2	5.17	4.0	71	0	0	
H2C-23	63	75	74	74%	31%	0	23	0	0	23	+/-5	3	4.36	3.6	57	0	4	
H2D-23	10	25	24	79%	37%	0	8	0	1	9	+/-2	0	4.95	4.7	24	0	0	
H2E-23	90	75	75	87%	54%	0	32	2	6	40	+/-3	2	5.21	4.6	72	0	0	
H2F-23	74	75	73	76%	58%	0	40	3	0	42	+/-4	1	5.72	3.5	68	0	0	
H2G-23	40	75	73	77%	79%	1	50	3	4	57	+/-4	8	6.26	2.5	64	0	0	
H2H-23	7	15	14	93%	15%	0	2	0	0	2	+/-1	1	4.92	6.3	14	0	0	
H2I-23	6	15	15	93%	57%	0	9	0	0	9	+/-1	2	6.00	3.1	10	0	0	
H2J-23	4	15	15	87%	46%	0	6	1	0	7	+/-2	0	5.55	2.5	10	0	0	
H3A-21	1,401	80	78	83%	82%	61	1	1	0	64	+/-3	5	5.86	5.6	41	20	13	
H3B-23	18	15	15	87%	69%	0	9	0	1	10	+/-1	1	5.62	4.4	14	0	0	
H3C-23	3	15	15	80%	58%	0	8	1	0	9	+/-2	0	5.50	3.4	15	0	0	
H3D-23	3	15	15	73%	55%	0	8	0	0	8	+/-2	1	5.36	2.1	12	0	3	
H3E-23	18	50	49	86%	43%	0	19	2	0	21	+/-3	1	5.10	4.0	26	1	18	
H3F-23	20	50	50	84%	45%	0	21	0	1	23	+/-3	4	4.89	4.0	25	0	17	
H3G-23	8	50	49	76%	32%	0	15	0	1	16	+/-4	1	4.30	4.0	40	0	3	
H4A-21	65	10	10	80%	100%	9	1	0	0	10	+/-0	0	6.75	3.3	0	3	8	
H4B-23	3	10	10	70%	43%	0	4	0	0	4	+/-2	0	5.14	7.3	4	1	3	
H5A-21	65	5	4	100%	75%	3	0	0	0	3	+/-0	0	5.75	10.5	2	1	0	
H7A-21	271	10	10	90%	100%	9	1	0	0	10	+/-0	0	6.89	7.6	7	1	1	
H7B-23	15	10	10	70%	86%	0	9	0	0	9	+/-1	1	6.00	4.7	9	0	0	
H9A-21	57	10	10	90%	100%	10	0	0	0	10	+/-0	1	6.67	4.3	0	3	7	
H9B-23	3	20	20	85%	59%	0	11	0	1	12	+/-2	0	5.36	3.4	2	0	14	
Totals	12,396	1,125	1,108	83.2%	61.9%	314	333	18	21	686	+/- 57	59	5.48	5.00	884	50	92	
The response rate for all units combined is:					83.2%											86%	5%	9%
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																		
* Number of 1st drawing applicants with that unit as 1st choice.																		

Black Hills Firearm Elk 1966-2019



PRAIRIE FIREARM ELK

A total of 140 licenses were issued for the 2019 Prairie Firearm Elk season. All license holders were sent a survey at the end of the season and 111 responded for a 79% response rate. Approximately 79% responded through the Internet.

Respondents reported hunting an average of 5.73 days for a total of 802 days of recreation. The projected harvest was 41 bulls and 50 cows for an overall success rate of 65%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.43 for the season.

Approximately 18% of responding hunters reported hunting mostly on public land, 66% on private land they did not own, and 16% on private land they owned.

Summary comparison for 2010-2019 Prairie Firearm Elk seasons

YEAR	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold	Bulls	Cows	Total			
2010	134	24	27	51	38%	3.92	4.00
2011	128	20	15	35	27%	4.03	4.02
2012	97	26	20	46	47%	5.22	4.72
2013	96	18	13	30	32%	4.81	4.15
2014	92	33	25	59	64%	3.73	5.31
2015	98	29	25	54	55%	4.59	5.34
2016	148	32	27	60	40%	4.76	4.68
2017	149	41	34	75	50%	6.43	4.81
2018	139	59	51	109	79%	5.55	5.58
2019	140	41	50	91	65%	5.73	5.43

2019 Prairie Firearm Elk Harvest Projections

Last Revised: 16 March 2020

Resident Licenses					Harvest Projections							Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Total Elk Harvested	CI (95%)				Public	Own	Other
09A-21	350	10	10	56%	60%	6	0	0	0	6	+/-3	0	5.6	9.8	0	0	10
09A-23	31	10	10	60%	100%	0	10	0	0	10	+/-0	2	6.8	4.7	0	0	10
11A-23	39	18	18	89%	88%	0	15	0	1	16	+/-1	0	6.1	2.9	1	0	17
11B-21	529	16	16	81%	69%	10	1	0	0	11	+/-2	0	5.2	6.4	5	5	6
11C-21	221	16	15	80%	67%	10	0	0	0	10	+/-2	0	4.4	4.3	4	4	6
11D-23	95	30	30	77%	65%	0	17	1	1	20	+/-3	0	5.5	4.2	1	1	25
15A-21	131	8	8	75%	0%	0	0	0	0	0	+/-0	0	3.8	10.5	0	3	4
15A-23	10	5	5	100%	0%	0	0	0	0	0	+/-0	0	3.3	5.4	0	2	2
27A-21	454	10	10	100%	70%	7	0	0	0	7	+/-0	0	5.7	9.0	2	3	4
27A-23	21	10	10	80%	50%	0	5	0	0	5	+/-2	0	5.8	5.1	5	0	5
35A-21	1,950	8	8	88%	86%	7	0	0	0	7	+/-1	0	6.4	7.6	5	2	1
Totals	3,831	141	140	79.9%	65.2%	40	48	1	2	91	+/- 13	2	5.43	5.73	24	21	87
The response rate for all units combined is: 79.9%																	
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																	
* Number of 1st drawing applicants with that unit as 1st choice.																	
															18% 16% 66%		

CUSTER STATE PARK ARCHERY ELK

A total of 3 resident licenses were issued for the 2019 Custer State Park Early Archery Elk season which was open from September 1-30. There was no Late CSP Archery season in 2019.

Respondents reported hunting an average of 5.0 days for a total of 15 days of recreation. All hunters reported harvesting adult bulls. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 7.00 for the season.

Summary comparison of the 2010-2019 CSP Archery elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2010	4,898	35	0	0	0%	11.2	NA
2011	3,863	18	1	0	6%	7.8	NA
2012	2,077	3	0	0	0%	14.0	NA
2013	2,740	3	3	0	100%	9.3	NA
2014	3,023	4	4	0	100%	8.8	7.00
2015	3,600	4	3	0	75%	16.3	6.50
2016	3,707	3	1	0	33%	15.0	6.00
2017	3,704	3	1	0	33%	9.7	5.67
2018	3,772	3	2	0	50%	11.0	5.50
2019	4,055	3	3	0	100%	5.0	7.00

CUSTER STATE PARK FIREARM ANY ELK

A total of 9 resident licenses were issued for the 2019 Custer State Park Firearm Any Elk season which was open from October 1-31.

Respondents reported hunting an average of 2.8 days for a total of 25 days of recreation. All hunters but one responded (1 died while hunting) and all reported harvesting adult bulls. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 6.25 for the season.

Summary comparison of the 2010-2019 CSP Firearm Any elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2010	10,145	21	14	2	76%	NA	NA
2011	8,019	11	10	0	91%	5.5	NA
2012	6,582	4	4	0	100%	1.75	NA
2013	7,860	4	3	1	100%	2.0	NA
2014	8,084	4	4	0	100%	1.0	7.00
2015	9,136	8	8	0	100%	1.9	6.88
2016	8,958	9	8	0	89%	2.8	6.56
2017	8,828	9	8	0	88%	2.3	6.71
2018	8,670	9	8	0	86%	5.7	5.71
2019	8,949	9	8	0	89%	2.8	6.25

CUSTER STATE PARK ANTLERLESS ELK

The Custer State Park Antlerless Elk season was closed in 2019.

Summary comparison of the 2007-2019 CSP Antlerless elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2007	3,763	60	1	31	53%	3.3	NA
2008	3,646	40	2	21	55%	2.8	NA
2009	3,548	20	0	19	95%	2.5	NA
2010	3,192	5	0	4	80%	NA	NA
2011-15	Closed						
2016	3,138	20	0	18	90%	2.20	6.20
2017	3,436	29	1	24	86%	2.10	5.83
2018	3,175	23	0	4	19%	3.35	2.19
2019	Closed						

Statewide Combined Deer Harvest

There were 51,271 resident deer licenses (plus unlimited licenses) available in 2019 and 98,426 were issued. Nonresidents had 2,337 licenses (plus unlimited licenses) available and 7,890 were issued. Statewide, there were a total of 106,316 licenses sold that represented a total of 120,921 tags, an increase in 23 licenses and 919 tags from 2018. A total of 68,644 individual hunters were issued deer licenses in 2019, down from 69,255 in 2018.

Random samplings were taken for each unit within each season unless the numbers of hunters were low enough that all were sampled to satisfy the statistical analyses. Response rates ranged from 51% for Landowner Antlerless Deer to 91% for Custer State Park.

The projected statewide deer harvest was 50,736, a decline of over 1,000 from 2018. This estimate included 26,403 whitetail bucks, 17,735 whitetail does, 5,239 mule bucks and 1,360 mule does. An increase in the number of tags issued and decrease in harvest resulted in a 1% decrease in harvest success from 2018.

Decreases in white-tailed buck, mule buck, and mule doe harvest accounted for the decline in overall harvest from 2018. Mule deer made up approximately 13% of the total harvest.

The 2019 overall statewide harvest success decreased to 42% from 43% in 2018. Harvest success ranged from 29% for Archery to 77% for West River Special Buck.

Respondents reported hunting an average of 4.93 days per hunter, which projects to a statewide total of 523,848 recreation days in 2019.

Average hunter satisfaction values (1=very dissatisfied to 7=very satisfied) ranged from 3.92 for Sand Lake Refuge to 5.95 for West River Special Buck.

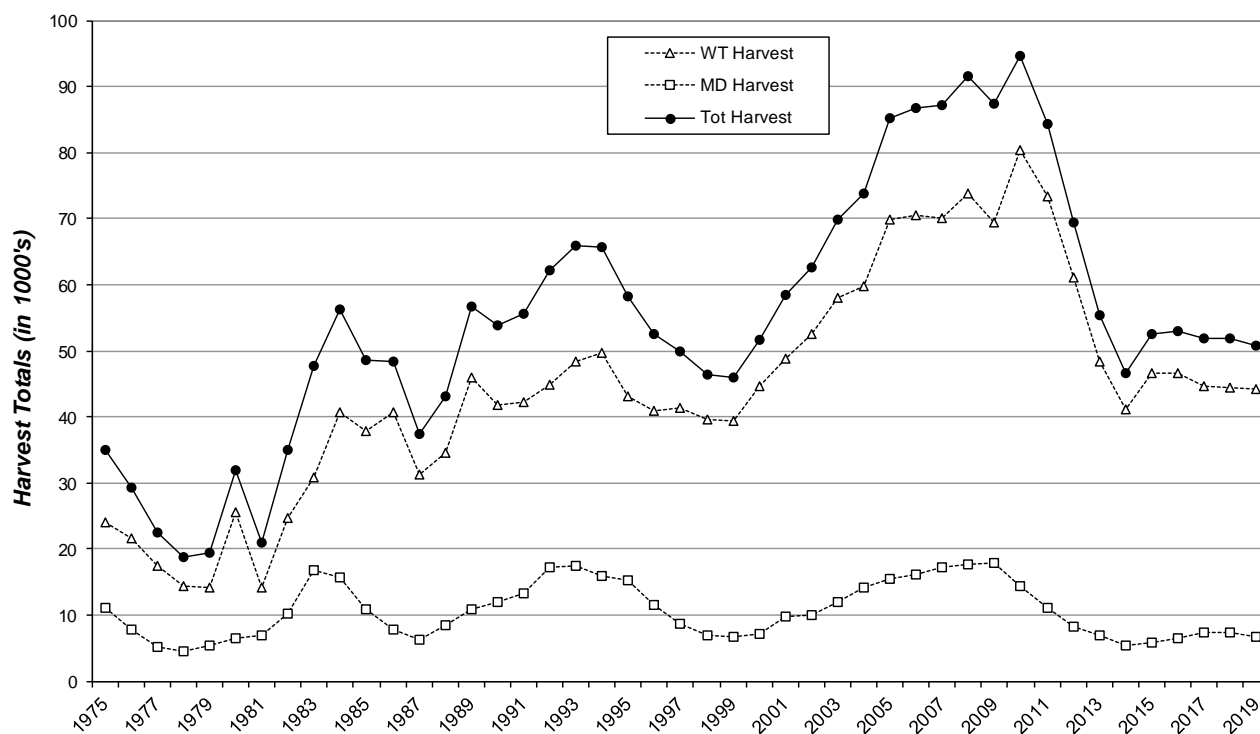
South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections
Corey Huxoll

2019 Statewide Deer Harvest Projection Summary

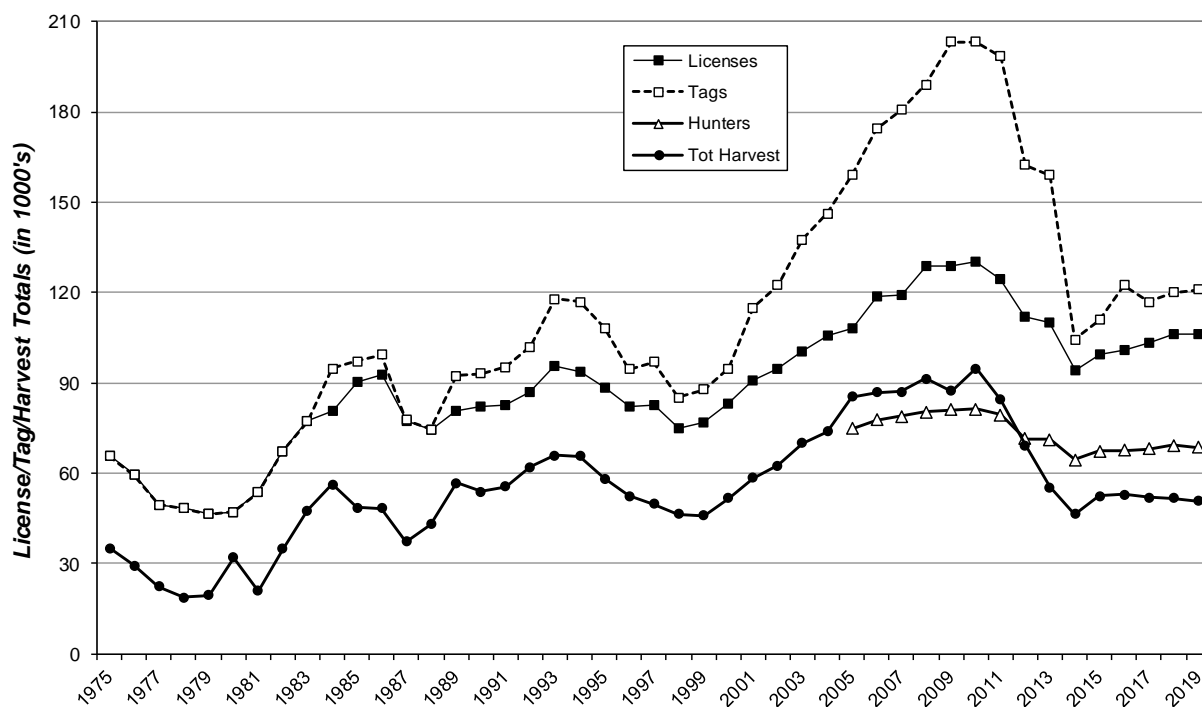
last revised: 20 May 2020

SOUTH DAKOTA	Season	Archery	Apprentice Antlerless	Mentored Youth	Muzzleloader	Landowner Own Land Antlerless	West River	West River Landowner Own Land	West River Special Buck Unit	East River	East River Landowner Own Land	East River Special Buck Unit	Sand Lake NWR	Waubay NWR	Lacreek NWR	Black Hills	Black Hills Landowner Own Land	Custer State Park	Grand Totals
Harvest Statistic																			
Licenses/Tags													Refuges						
Resident Licenses																			
Available		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	17,928	Unlimited	500	27,310	Unlimited	500	105	20	20	4,800	Unlimited	88	51,271
Sold		25,970	3,942	5,715	3,200	313	17,816	2,550	498	26,802	6,052	499	105	20	19	4,809	29	87	98,426
Resident Tags																			
Available		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	23,948	Unlimited	500	30,110	Unlimited	500	105	20	20	4,800	Unlimited	88	60,091
Sold		25,970	3,942	5,715	3,200	313	23,737	4,107	498	29,584	9,808	499	105	20	19	4,809	42	87	112,455
Nonresident Licenses																			
Available		Unlimited	Unlimited	N/A	Unlimited	N/A	1,439	N/A	500	Leftovers	N/A	N/A	10	2	2	384	N/A	N/A	2,337
Sold		4,325	482	N/A	140	N/A	1,533	N/A	495	526	N/A	N/A	10	2	2	375	N/A	N/A	7,890
Nonresident Tags																			
Available		Unlimited	Unlimited	N/A	Unlimited	N/A	1,921	N/A	500	Leftovers	N/A	N/A	10	2	2	384	N/A	N/A	2,819
Sold		4,325	482	N/A	140	N/A	2,097	N/A	495	538	N/A	N/A	10	2	2	375	N/A	N/A	8,466
Total Licenses																			
Available		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	19,367	Unlimited	1,000	27,310	Unlimited	500	115	22	22	5,184	Unlimited	88	53,608
Sold		30,295	4,424	5,715	3,340	313	19,349	2,550	993	27,328	6,052	499	115	22	21	5,184	29	87	106,316
Total Tags																			
Available		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	25,869	Unlimited	1,000	30,110	Unlimited	500	115	22	22	5,184	Unlimited	88	62,910
Sold		30,295	4,424	5,715	3,340	313	25,834	4,107	993	30,122	9,808	499	115	22	21	5,184	42	87	120,921
Hunters																			
		22,820	4,424	5,715	3,242	269	18,911	2,550	993	25,865	6,052	499	115	22	21	5,184	29	87	68,644
Recreation																			
Average Days Hunted		10.57	3.93	3.52	4.95	2.68	3.02	3.52	3.43	3.90	4.15	5.20	2.54	2.93	2.79	4.09	4.74	3.44	4.93
Total Days Hunted		241,214	17,380	20,133	16,054	3,161	57,038	8,966	3,410	106,686	25,135	2,592	292	64	59	21,228	137	299	523,848
Mean Satisfaction Score		5.25	5.70	5.79	5.10	4.79	5.18	5.41	5.95	4.77	4.95	5.07	3.92	4.53	4.82	5.50	5.37	5.81	
Harvest																			
White-tailed Deer																			
Bucks		5,436	263	348	295	4	6,618	762	337	7,787	1,995	233	27	6	9	2,249	9	26	26,403
Does		2,210	1,722	2,123	795	126	3,340	387	5	4,977	1,156	8	11	3	0	843	4	24	17,735
Total		7,646	1,986	2,470	1,090	130	9,958	1,149	342	12,765	3,151	241	37	9	9	3,092	12	50	44,138
Mule Deer																			
Bucks		910	37	45	112	0	2,874	506	419	191	67	22	0	0	0	57	0	0	5,239
Does		140	297	417	17	0	256	160	6	20	45	0	0	0	0	0	0	0	1,360
Total		1,049	334	462	129	0	3,130	667	426	211	112	22	0	0	0	57	0	0	6,599
Total Deer Harvest																			
Bucks		6,346	300	392	407	4	9,492	1,268	756	7,978	2,062	255	27	6	9	2,306	9	26	31,642
Does		2,350	2,020	2,540	812	126	3,597	547	12	4,998	1,202	8	11	3	0	843	4	24	19,095
Total		8,696	2,319	2,932	1,219	130	13,089	1,816	767	12,976	3,264	263	37	9	9	3,149	12	50	50,736
Success		29%	52%	51%	36%	41%	51%	44%	77%	43%	33%	53%	32%	40%	41%	61%	30%	58%	42%

South Dakota Combined Deer Harvest 1975-2019



South Dakota Combined Deer Licensing 1975-2019



ARCHERY DEER

There were 30,295 archery deer licenses issued in 2019 (25,970 resident, 4,325 nonresident). All were single any-deer tags for the Statewide, East River, or West River units, or single antlerless whitetail tags for the LM1 (Limited Statewide) unit.

All license holders and access permit holders were surveyed and 15,322 responded for a 68% return rate. Approximately 60% of hunters used the Internet to respond.

The 2019 Archery Deer season ran from September 1, 2019 through January 1, 2020. Respondents reported hunting 10.57 days per hunter, which projects to a total of 241,214 recreation days for the season.

The projected harvest for the archery season was 8,696 deer (5,436 whitetail bucks, 2,210 whitetail does, 910 mule deer bucks, and 140 mule deer does). The hunter success rate for the season was 34%. The five deer management units with the highest reported harvest by residents were the Black Hills, Brown, Minnehaha, Yankton, and Brookings, and by nonresidents were the Black Hills, Brown, Gregory, West Harding, and Butte.

Satisfaction was also measured (1=very dissatisfied to 7=very satisfied) and the average response for this season was 5.25.

Summary comparison of the 2014-2019 Archery Deer seasons

YEAR	Licenses Sold		Harvest					Tag Success	Avg Days Hunted	Average Satisfctn
			Bucks		Does		Total			
	Res	Nonres	WT	Mule	WT	Mule				
2014	21,647	2,840	3,948	562	1,459	83	6,052	25%	10.80	4.97
2015	23,507	3,180	5,042	632	1,593	73	7,340	28%	11.24	5.14
2016	24,531	3,474	4,780	824	1,987	89	7,680	27%	10.80	5.06
2017	25,512	3,800	4,750	961	1,775	136	7,622	26%	10.94	5.24
2018	26,660	4,449	4,930	1,115	1,902	141	8,088	26%	10.59	5.23
2019	25,970	4,325	5,436	910	2,210	140	8,696	29%	10.57	5.25

2019 Archery Deer Harvest Projections

Harvest Projections																	Avg Days	Avg Satisfaction
								Whitetail				Mule Deer				Total Deer		
								Bucks		Does		Bucks		Does				
Unit-Type	Residency	Licenses Available	Licenses Sold	License Holders	Response Rate	Hunter Success	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Ct (95%)	
ER1-01	Resident	Unlimited	7,686	7,686	68%	32%	32%	2,042	34	333	28	43	3	4	3	2,489	+/-55	
	Nonresident	Unlimited	626	626	73%	43%	43%	227	1	29	1	7	0	1	1	269	+/-15	
WR1-01	Resident	Unlimited	5,452	5,452	66%	23%	23%	686	12	132	17	347	11	41	6	1,251	+/-44	
	Nonresident	Unlimited	1,107	1,107	69%	38%	38%	242	3	29	3	131	0	6	3	418	+/-21	
ST1-01	Resident	Unlimited	8,145	8,145	67%	25%	25%	1,500	39	305	17	134	2	29	8	2,031	+/-54	
	Nonresident	Unlimited	2,186	2,186	72%	40%	40%	531	6	58	4	233	0	35	3	869	+/-29	
LM1-13	Resident	Unlimited	4,687	4,687	69%	27%	26%	0	104	1,037	81	0	0	0	0	1,222	+/-40	
	Nonresident	Unlimited	406	406	71%	37%	36%	0	8	131	7	0	0	0	0	147	+/-12	
Totals	Resident	Unlimited	25,970	18,828	66.9%	33%	27%	4,228	189	1,806	142	523	15	74	17	6,994	+/-193	
	Nonresident	Unlimited	4,325	3,992	70.7%	40%	39%	1,000	18	247	16	371	0	42	7	1,702	+/-77	
Grand Totals			30,295	22,820	67.5%	34%	29%	5,229	207	2,053	157	895	15	116	24	8,696	+/-270	

2019 Access Permit Unit Archery Deer Survey Results

Last Revised: 21-Apr-20		Harvest Projections																		
										Whitetail								Total Deer	Avg Days	Avg
										Mule Deer										
Unit	Residency	Permits Available	Permits Issued	Permit Holders	Projected Hunted	Response Rate	Hunter Success	Permit Success	Bucks		Does		Bucks		Does		Hunted	Satisfaction		
Black Hills Deer/BH1	Resident	Unlimited	1,419	1,419	913	69%	29%	19%	140	13	90	6	15	0	3	1	268	9.19	5.27	
	Nonresident	Unlimited	160	160	66	76%	46%	19%	15	0	9	0	7	0	0	0	30	4.76	5.48	
Brule Cty GPA Corps/13L	Resident	Unlimited	155	155	38	68%	8%	2%	3	0	0	0	0	0	0	0	3	3.35	5.38	
	Nonresident	Unlimited	54	54	5	61%	0%	0%	0	0	0	0	0	0	0	0	0	4.00	6.00	
Custer Nat Forest/35L	Resident	500	500	500	267	74%	8%	4%	3	0	0	0	16	1	0	0	20	4.75	5.54	
	Nonresident	125	125	125	103	74%	13%	11%	7	0	0	1	3	0	3	0	13	4.36	5.00	
Hill Ranch GPA/27L	Resident	Unlimited	171	171	42	66%	11%	3%	2	0	0	0	2	2	0	0	5	4.68	5.11	
	Nonresident	Unlimited	64	64	20	69%	7%	2%	1	0	0	0	0	0	0	0	1	3.14	5.71	
Little Moreau GPA/24B	Resident	Unlimited	103	103	34	70%	13%	4%	1	0	1	1	0	0	0	0	4	4.38	4.58	
	Nonresident	Unlimited	41	41	3	66%	0%	0%	0	0	0	0	0	0	0	0	0	3.50	5.00	
Totals	Resident		2,193	1,937	1,222	69.5%	24.2%	15%	146	13	92	7	32	3	3	1	297	7.92	5.30	
	Nonresident		390	316	198	73.4%	23.4%	14%	23	0	9	1	9	0	3	0	45	4.37	5.24	
Grand Totals			2,583	2,253	1,419	70.0%	24.1%	15%	168	13	101	9	42	3	6	1	343	7.27	5.14	

South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections

Corey Huxoll

2019 Archery Deer Harvest Distribution by Management Unit

Last Revised: 21-May-20	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	112	7	67	2	0	0	0	0	188	197	12	118	3	0	0	0	0	331	3.8%
02A (NE Penn/SE Meade)	29	0	8	1	21	1	4	0	64	50	0	14	1	34	2	7	0	108	1.2%
02C (SE Pennington)	20	1	8	1	19	0	5	0	54	35	2	14	2	31	0	9	0	92	1.1%
03A (Brown)	146	4	78	8	2	0	0	0	238	252	7	134	13	3	0	0	0	410	4.7%
04A (Beadle)	54	2	28	4	0	0	0	0	88	94	3	49	7	0	0	0	0	154	1.8%
05A (Codington)	74	4	40	3	1	0	0	0	122	130	7	70	5	2	0	0	0	214	2.5%
06A (Brookings)	87	3	52	1	0	0	0	0	143	153	5	92	2	0	0	0	0	252	2.9%
07A (Yankton)	77	5	45	3	1	0	0	0	131	135	9	79	5	2	0	0	0	230	2.6%
08A (Davison)	48	0	5	0	0	0	0	0	53	84	0	9	0	0	0	0	0	93	1.1%
10A (Aurora)	38	2	15	0	0	0	0	0	55	66	3	26	0	0	0	0	0	96	1.1%
11A (N Bennett)	6	0	0	0	0	0	0	0	6	10	0	0	0	0	0	0	0	10	0.1%
11B (S Bennett)	11	0	0	0	3	0	0	0	14	19	0	0	0	5	0	0	0	24	0.3%
12A (Bon Homme)	32	0	6	1	0	0	0	0	39	56	0	11	2	0	0	0	0	68	0.8%
13A (Brule)	21	2	4	2	6	0	1	0	36	36	3	7	3	10	0	2	0	61	0.7%
13L (Brule GPA/Corps)	2	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	4	0.0%
14A (Buffalo)	10	0	3	0	4	0	1	0	18	17	0	5	0	6	0	2	0	30	0.3%
15A (Butte)	43	1	26	1	28	0	3	0	102	73	2	44	2	46	0	5	0	171	2.0%
15B (SW Butte/Lawrence)	50	1	16	1	5	0	1	0	74	87	2	28	2	8	0	2	0	129	1.5%
16A (Campbell)	16	0	3	0	4	0	0	0	23	28	0	5	0	6	0	0	0	39	0.5%
17A (Charles Mix)	55	0	6	2	8	0	0	0	71	95	0	11	3	13	0	0	0	122	1.4%
18A (Clark)	57	3	22	2	0	0	0	0	84	99	5	38	3	0	0	0	0	146	1.7%
19A (Clay)	48	1	19	1	0	0	0	0	69	84	2	34	2	0	0	0	0	121	1.4%
20A (Corson)	7	0	2	1	13	0	1	1	25	12	0	4	1	22	0	2	2	43	0.5%
21A (E Custer/S Penn)	28	1	1	1	21	0	2	0	54	49	2	2	2	35	0	3	0	92	1.1%
21B (C Custer/C Penn)	19	1	11	1	6	0	0	0	38	33	2	19	2	10	0	0	0	66	0.8%
22A (Day)	69	1	23	0	0	0	0	0	93	118	2	40	0	0	0	0	0	160	1.8%
23A (Deuel)	30	2	22	2	0	1	0	0	57	53	4	39	3	0	2	0	0	101	1.2%
24A (Dewey)	6	0	0	2	10	0	2	0	20	10	0	0	3	16	0	3	0	33	0.4%
24B (Little Moreau)	3	0	1	1	1	0	0	0	6	5	0	2	2	2	0	0	0	10	0.1%
25A (Douglas)	16	1	7	0	0	0	0	0	24	28	2	12	0	0	0	0	0	42	0.5%
26A (Edmunds)	38	3	18	3	0	0	0	0	62	66	5	31	5	0	0	0	0	108	1.2%
27A (NW FRiver/SW Cust)	8	0	4	0	7	0	0	0	19	14	0	7	0	12	0	0	0	33	0.4%
27B (Fall River)	7	1	10	0	21	0	3	1	43	12	2	18	0	35	0	5	2	74	0.9%
27L (Hill Ranch Area)	2	0	0	0	1	1	0	0	4	3	0	0	0	2	2	0	0	7	0.1%
28A (Faulk)	22	2	7	1	0	0	0	0	32	38	4	12	2	0	0	0	0	55	0.6%
29A (Grant)	84	4	15	3	1	0	0	0	107	147	7	26	5	2	0	0	0	187	2.2%
30A,B (Gregory)	73	1	32	2	8	0	0	0	116	123	2	54	3	13	0	0	0	196	2.3%
31A (Haakon)	23	0	5	1	25	0	3	0	57	39	0	9	2	42	0	5	0	96	1.1%
32A (Hamlin)	69	1	20	4	0	0	0	0	94	122	2	35	7	0	0	0	0	166	1.9%
33A (Hand)	46	4	8	2	2	0	0	0	62	79	7	14	3	3	0	0	0	107	1.2%
34A (Hanson)	24	2	0	0	1	0	0	0	27	42	3	0	0	2	0	0	0	47	0.5%
35A (W Harding)	33	0	8	0	57	0	4	1	103	54	0	14	0	92	0	6	1	167	1.9%
35C (E Harding)	10	0	1	0	24	0	3	1	39	17	0	2	0	39	0	5	1	65	0.7%
35L (Custer Nat Forest)	8	0	2	1	19	1	2	0	33	13	0	3	1	31	2	3	0	54	0.6%
36A (Hughes)	37	3	10	2	5	0	0	1	58	65	5	18	3	8	0	0	2	101	1.2%
37A (Hutchinson)	26	0	3	0	0	0	0	0	29	46	0	5	0	0	0	0	0	51	0.6%
38A (Hyde)	25	0	7	0	0	0	0	0	32	42	0	12	0	0	0	0	0	55	0.6%
39A (N Jackson)	7	0	2	0	4	0	0	0	13	12	0	4	0	6	0	0	0	22	0.2%
39B (S Jackson)	8	1	1	0	2	0	0	0	12	13	2	2	0	3	0	0	0	20	0.2%
40A (Jerauld)	24	1	5	1	2	0	0	0	33	42	2	9	2	3	0	0	0	58	0.7%
41A (Jones)	14	0	0	0	5	0	0	0	19	24	0	0	0	8	0	0	0	32	0.4%
42A (Kingsbury)	57	0	21	2	0	0	0	0	80	99	0	37	3	0	0	0	0	139	1.6%
43A (Lake)	64	3	23	2	0	0	0	0	92	112	5	41	3	0	0	0	0	162	1.9%
44A (Lincoln)	76	5	38	2	0	0	0	0	121	133	9	67	3	0	0	0	0	213	2.4%
45A (W Lyman)	17	1	8	1	7	0	1	1	36	28	2	14	1	11	0	2	2	61	0.7%
45B (E Lyman)	11	1	6	2	8	0	0	0	28	19	2	10	3	13	0	0	0	47	0.5%
45C (NE Lyman/SE Stanley)	3	1	0	0	5	0	0	0	9	5	2	0	0	8	0	0	0	15	0.2%
45D (Ft Pr Nat Grlnd)	5	0	0	0	7	0	0	0	12	9	0	0	0	12	0	0	0	20	0.2%
46A (McCook)	40	4	22	1	0	0	0	0	67	70	7	39	2	0	0	0	0	118	1.4%
47A (McPherson)	32	1	10	1	0	0	0	0	44	56	2	17	2	0	0	0	0	76	0.9%
48A (Marshall)	47	3	20	0	0	0	0	0	70	81	5	35	0	0	0	0	0	122	1.4%
49A (W Meade)	57	2	35	2	10	0	3	0	109	99	3	60	3	17	0	5	0	188	2.2%
49B (NE Meade)	17	1	4	1	12	0	4	0	39	29	2	7	2	20	0	7	0	66	0.8%
50A,B (Mellette)	8	0	3	1	12	0	1	1	26	14	0	5	2	20	0	2	2	44	0.5%
51A (Miner)	38	1	14	0	0	0	0	0	53	67	2	25	0	0	0	0	0	93	1.1%
52A (Moody)	41	2	18	0	0	0	0	0	61	72	3	31	0	0	0	0	0	107	1.2%
53A (N Perkins)	14	1	1	0	22	1	5	1	45	23	2	2	0	36	2	8	1	74	0.9%
53C (S Perkins)	7	0	1	0	12	0	3	1	24	12	0	2	0	19	0	5	1	40	0.5%
54A (Potter)	19	0	10	3	7	0	1	1	41	33	0	17	5	12	0	2	2	71	0.8%
55A (Roberts)	67	2	21	3	0	0	0	0	93	116	3	37	5	0	0	0	0	162	1.9%
56A (Sanborn)	36	0	7	0	0	0	0	0	43	63	0	12	0	0	0	0	0	75	0.9%
57A (Spink)	57	3	20	2	0	0	0	0	82	98	5	35	3	0	0	0	0	142	1.6%
58A (Stanley)	11	0	1	0	24	1	2	0	39	19	0	2	0	40	2	4	0	66	0.8%
59A (W Sully)	15	0	2	0	16	1	4	2	40	26	0	3	0	27	2	7	3	68	0.8%
59B (E Sully)	11	0	2	0	0	0	0	0	13	19	0	4	0	0	0	0	0	22	0.3%
60A (Tripp)	40	1	14																

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Corey Huxoll

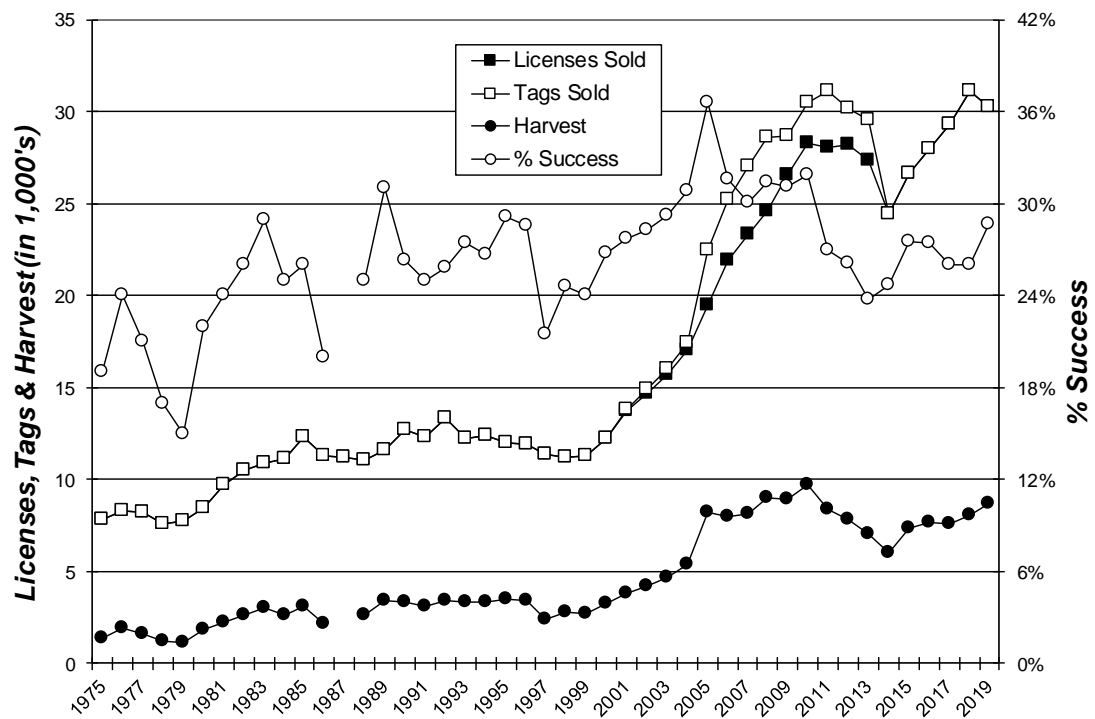
2019 Resident Archery Deer Harvest Dist by Management Unit																				
Last Revised: 24-Apr-20		Reported Harvest								Projected Harvest										
		Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
		Bucks		Does		Bucks		Does			Bucks		Does							
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%	
01A (Minnehaha)	110	7	65	2	0	0	0	0	184	194	12	115	3	0	0	0	0	325	4.6%	
02A (NE Penn/SE Meade)	23	0	6	0	7	1	2	0	39	41	0	11	0	12	2	4	0	69	1.0%	
02C (SE Pennington)	16	1	8	1	10	0	4	0	40	28	2	14	2	17	0	7	0	70	1.0%	
03A (Brown)	105	3	56	6	1	0	0	0	171	185	5	99	10	2	0	0	0	301	4.3%	
04A (Beadle)	48	2	28	4	0	0	0	0	82	85	3	49	7	0	0	0	0	145	2.1%	
05A (Codington)	68	4	38	3	0	0	0	0	113	120	7	67	5	0	0	0	0	199	2.8%	
06A (Brookings)	82	3	52	1	0	0	0	0	138	145	5	92	2	0	0	0	0	243	3.5%	
07A (Yankton)	74	5	44	3	1	0	0	0	127	131	9	78	5	2	0	0	0	224	3.2%	
08A (Davison)	45	0	5	0	0	0	0	0	50	79	0	9	0	0	0	0	0	88	1.3%	
10A (Aurora)	31	2	15	0	0	0	0	0	48	55	3	26	0	0	0	0	0	85	1.2%	
11A (N Bennett)	3	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	5	0.1%	
11B (S Bennett)	7	0	0	0	2	0	0	0	9	12	0	0	0	3	0	0	0	16	0.2%	
12A (Bon Homme)	29	0	6	1	0	0	0	0	36	51	0	11	2	0	0	0	0	63	0.9%	
13A (Brule)	13	2	3	2	3	0	0	0	23	23	3	5	3	5	0	0	0	40	0.6%	
13L (Brule GPA Corps)	2	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	4	0.1%	
14A (Buffalo)	3	0	2	0	1	0	1	0	7	5	0	4	0	2	0	2	0	12	0.2%	
15A (Butte)	22	1	15	1	13	0	0	0	52	39	2	26	2	22	0	0	0	91	1.3%	
15B (SW Butte/Lawrence)	44	1	14	1	3	0	1	0	64	78	2	25	2	5	0	2	0	113	1.6%	
16A (Campbell)	12	0	2	0	1	0	0	0	15	21	0	4	0	2	0	0	0	26	0.4%	
17A (Charles Mix)	41	0	6	2	3	0	0	0	52	72	0	11	3	5	0	0	0	91	1.3%	
18A (Clark)	49	3	16	1	0	0	0	0	69	86	5	28	2	0	0	0	0	122	1.7%	
19A (Clay)	43	1	19	1	0	0	0	0	64	76	2	34	2	0	0	0	0	113	1.6%	
20A (Corson)	5	0	2	0	10	0	1	1	19	9	0	4	0	17	0	2	2	33	0.5%	
21A (E Custer/S Penn)	24	1	1	1	15	0	1	0	43	42	2	2	2	26	0	2	0	75	1.1%	
21B (C Custer/C Penn)	16	1	10	1	6	0	0	0	34	28	2	18	2	10	0	0	0	60	0.9%	
22A (Day)	43	1	21	0	0	0	0	0	65	76	2	37	0	0	0	0	0	115	1.6%	
23A (Deuel)	29	1	22	2	0	1	0	0	55	51	2	39	3	0	2	0	0	97	1.4%	
24A (Dewey)	4	0	0	1	4	0	0	0	9	7	0	0	2	7	0	0	0	16	0.2%	
24B (Little Moreau)	1	0	1	1	0	0	0	0	3	2	0	2	2	0	0	0	0	5	0.1%	
25A (Douglas)	15	1	7	0	0	0	0	0	23	26	2	12	0	0	0	0	0	41	0.6%	
26A (Edmunds)	28	2	16	3	0	0	0	0	49	49	3	28	5	0	0	0	0	86	1.2%	
27A (NW Friver/SW Cust)	7	0	3	0	5	0	0	0	15	12	0	5	0	9	0	0	0	26	0.4%	
27B (Fall River)	5	1	10	0	17	0	2	1	36	9	2	18	0	29	0	4	2	63	0.9%	
27L (Hill Ranch Area)	1	0	0	0	1	1	0	0	3	2	0	0	0	2	2	0	0	5	0.1%	
28A (Faulk)	14	1	5	1	0	0	0	0	21	25	2	9	2	0	0	0	0	37	0.5%	
29A (Grant)	76	4	15	3	0	0	0	0	98	134	7	26	5	0	0	0	0	173	2.5%	
30A,B (Gregory)	34	1	18	2	4	0	0	0	59	60	2	32	3	7	0	0	0	104	1.5%	
31A (Haakon)	11	0	4	1	18	0	3	0	37	19	0	7	2	31	0	5	0	64	0.9%	
32A (Hamlin)	68	1	20	4	0	0	0	0	93	120	2	35	7	0	0	0	0	164	2.3%	
33A (Hand)	33	4	7	2	2	0	0	0	48	58	7	12	3	3	0	0	0	84	1.2%	
34A (Hanson)	22	2	0	0	0	0	0	0	24	39	3	0	0	0	0	0	0	42	0.6%	
35A (W Harding)	5	0	6	0	17	0	0	0	28	9	0	11	0	29	0	0	0	48	0.7%	
35C (E Harding)	6	0	1	0	13	0	1	0	21	11	0	2	0	22	0	2	0	36	0.5%	
35L (Custer Nat Forest)	2	0	1	0	12	1	0	0	16	4	0	2	0	20	2	0	0	28	0.4%	
36A (Hughes)	32	3	9	2	4	0	0	1	51	56	5	16	3	7	0	0	2	90	1.3%	
37A (Hutchinson)	24	0	3	0	0	0	0	0	27	42	0	5	0	0	0	0	0	48	0.7%	
38A (Hyde)	13	0	6	0	0	0	0	0	19	23	0	11	0	0	0	0	0	34	0.5%	
39A (N Jackson)	3	0	2	0	1	0	0	0	6	5	0	4	0	2	0	0	0	11	0.2%	
39B (S Jackson)	3	1	1	0	1	0	0	0	6	5	2	2	0	2	0	0	0	11	0.2%	
40A (Jerauld)	22	1	5	1	2	0	0	0	31	39	2	9	2	3	0	0	0	55	0.8%	
41A (Jones)	8	0	0	0	2	0	0	0	10	14	0	0	0	3	0	0	0	18	0.3%	
42A (Kingsbury)	47	0	19	2	0	0	0	0	68	83	0	34	3	0	0	0	0	120	1.7%	
43A (Lake)	61	3	23	2	0	0	0	0	89	108	5	41	3	0	0	0	0	157	2.2%	
44A (Lincoln)	72	5	37	2	0	0	0	0	116	127	9	65	3	0	0	0	0	205	2.9%	
45A (W Lyman)	6	1	7	0	3	0	1	1	19	11	2	12	0	5	0	2	2	34	0.5%	
45B (E Lyman)	7	1	3	1	1	0	0	0	13	12	2	5	2	2	0	0	0	23	0.3%	
45C (NE Lyman/SE Stanley)	0	0	0	0	2	0	0	0	2	0	0	0	0	3	0	0	0	3	0.0%	
45D (Ft Pr Nat Grslnd)	3	0	0	0	6	0	0	0	9	5	0	0	0	10	0	0	0	16	0.2%	
46A (McCook)	38	4	22	1	0	0	0	0	65	67	7	39	2	0	0	0	0	115	1.6%	
47A (McPherson)	26	1	8	1	0	0	0	0	36	46	2	14	2	0	0	0	0	63	0.9%	
48A (Marshall)	36	2	17	0	0	0	0	0	55	64	3	30	0	0	0	0	0	97	1.4%	
49A (W Meade)	43	2	25	2	8	0	3	0	83	76	3	44	3	14	0	5	0	146	2.1%	
49B (NE Meade)	8	1	4	1	7	0	3	0	24	14	2	7	2	12	0	5	0	42	0.6%	
50A,B (Mellette)	4	0	2	1	8	0	1	1	17	7	0	4	2	14	0	2	2	30	0.4%	
51A (Miner)	36	1	13	0	0	0	0	0	50	64	2	23	0	0	0	0	0	88	1.3%	
52A (Moody)	38	2	14	0	0	0	0	0	54	67	3	25	0	0	0	0	0	95	1.4%	
53A (N Perkins)	3	1	1	0	10	1	2	0	18	5	2	2	0	17	2	4	0	31	0.4%	
53C (S Perkins)	2	0	0	0	5	0	3	0	10	4	0	0	0	9	0	5	0	17	0.2%	
54A (Potter)	15	0	8	3	6	0	1	1	34	26	0	14	5	10	0	2	2	60	0.9%	
55A (Roberts)	54	2	18	3	0	0	0	0	77	95	3	32	5	0	0	0	0	136	1.9%	
56A (Sanborn)	32	0	5	0	0	0	0	0	37	56	0	9	0	0	0	0	0	65	0.9%	
57A (Spink)	40	2	17	2	0	0	0	0	61	71	3	30	3	0	0	0	0	108	1.5%	
58A (Stanley)	5	0	1	0	17	1	2	0	26	9	0	2	0	29	2	4	0	45	0.6%	
59A (W Sully)	9	0	1	0	12	1	1	1	25	16	0	2	0	20	2	2	2	44	0.6%	
59B (E Sully)	8	0	2	0	0	0	0	0	10	14	0	4	0	0	0	0	0	18	0.3%	
60A (Tripp)	27	0	9	0	8	0	1	0	45	48	0	16	0	14	0	2	0	79	1.1%	
61A (Turner)	36	2	7	0	0	0	0	0	45	64										

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2019 Nonresident Archery Deer Harvest Dist by Management Unit

Unit	Reported Harvest									Projected Harvest										
	Whitetail				Mule Deer					Whitetail				Mule Deer					Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	
01A (Minnehaha)	2	0	2	0	0	0	0	0	4	3	0	3	0	0	0	0	0	6	0.4%	
02A (NE Penn/SE Meade)	6	0	2	1	14	0	2	0	25	10	0	3	1	22	0	3	0	39	2.3%	
02C (SE Pennington)	4	0	0	0	9	0	1	0	14	6	0	0	0	14	0	2	0	22	1.3%	
03A (Brown)	41	1	22	2	1	0	0	0	67	66	2	36	3	2	0	0	0	108	6.4%	
04A (Beadle)	6	0	0	0	0	0	0	0	6	10	0	0	0	0	0	0	0	10	0.6%	
05A (Codington)	6	0	2	0	1	0	0	0	9	10	0	3	0	2	0	0	0	15	0.9%	
06A (Brookings)	5	0	0	0	0	0	0	0	5	8	0	0	0	0	0	0	0	8	0.5%	
07A (Yankton)	3	0	1	0	0	0	0	0	4	5	0	2	0	0	0	0	0	6	0.4%	
08A (Davison)	3	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	5	0.3%	
10A (Aurora)	7	0	0	0	0	0	0	0	7	11	0	0	0	0	0	0	0	11	0.7%	
11A (N Bennett)	3	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	5	0.3%	
11B (S Bennett)	4	0	0	0	1	0	0	0	5	6	0	0	0	2	0	0	0	8	0.5%	
12A (Bon Homme)	3	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	5	0.3%	
13A (Brule)	8	0	1	0	3	0	1	0	13	13	0	2	0	5	0	2	0	21	1.2%	
13L (Brule GPA Corps)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
14A (Buffalo)	7	0	1	0	3	0	0	0	11	11	0	2	0	5	0	0	0	18	1.0%	
15A (Butte)	21	0	11	0	15	0	3	0	50	34	0	18	0	24	0	5	0	80	4.7%	
15B (SW Butte/Lawrence)	6	0	2	0	2	0	0	0	10	10	0	3	0	3	0	0	0	16	0.9%	
16A (Campbell)	4	0	1	0	3	0	0	0	8	6	0	2	0	5	0	0	0	13	0.8%	
17A (Charles Mix)	14	0	0	0	5	0	0	0	19	23	0	0	0	8	0	0	0	30	1.8%	
18A (Clark)	8	0	6	1	0	0	0	0	15	13	0	10	1	0	0	0	0	24	1.4%	
19A (Clay)	5	0	0	0	0	0	0	0	5	8	0	0	0	0	0	0	0	8	0.5%	
20A (Corson)	2	0	0	1	3	0	0	0	6	3	0	0	1	5	0	0	0	9	0.5%	
21A (E Custer/S Penn)	4	0	0	0	6	0	1	0	11	6	0	0	0	9	0	2	0	17	1.0%	
21B (C Custer/C Penn)	3	0	1	0	0	0	0	0	4	5	0	2	0	0	0	0	0	6	0.4%	
22A (Day)	26	0	2	0	0	0	0	0	28	42	0	3	0	0	0	0	0	45	2.7%	
23A (Deuel)	1	1	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	3	0.2%	
24A (Dewey)	2	0	0	1	6	0	2	0	11	3	0	0	1	9	0	3	0	17	1.0%	
24B (Little Moreau)	2	0	0	0	1	0	0	0	3	3	0	0	0	2	0	0	0	5	0.3%	
25A (Douglas)	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0.1%	
26A (Edmunds)	10	1	2	0	0	0	0	0	13	16	2	3	0	0	0	0	0	21	1.2%	
27A (NW FRiver/SW Cust)	1	0	1	0	2	0	0	0	4	2	0	2	0	3	0	0	0	6	0.4%	
27B (Fall River)	2	0	0	0	4	0	1	0	7	3	0	0	0	6	0	2	0	11	0.7%	
27L (Hill Ranch Area)	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0.1%	
28A (Faulk)	8	1	2	0	0	0	0	0	11	13	2	3	0	0	0	0	0	18	1.1%	
29A (Grant)	8	0	0	0	1	0	0	0	9	13	0	0	0	2	0	0	0	15	0.9%	
30A,B (Gregory)	39	0	14	0	4	0	0	0	57	63	0	23	0	6	0	0	0	92	5.4%	
31A (Haakon)	12	0	1	0	7	0	0	0	20	19	0	2	0	11	0	0	0	32	1.9%	
32A (Hamlin)	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0.1%	
33A (Hand)	13	0	1	0	0	0	0	0	14	21	0	2	0	0	0	0	0	23	1.3%	
34A (Hanson)	2	0	0	0	1	0	0	0	3	3	0	0	0	2	0	0	0	5	0.3%	
35A (W Harding)	28	0	2	0	40	0	4	1	75	45	0	3	0	63	0	6	1	119	7.0%	
35C (E Harding)	4	0	0	0	11	0	2	1	18	6	0	0	0	17	0	3	1	28	1.7%	
35L (Custer Nat Forest)	6	0	1	1	7	0	2	0	17	10	0	2	1	11	0	3	0	27	1.6%	
36A (Hughes)	5	0	1	0	1	0	0	0	7	8	0	2	0	2	0	0	0	11	0.7%	
37A (Hutchinson)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%	
38A (Hyde)	12	0	1	0	0	0	0	0	13	19	0	2	0	0	0	0	0	21	1.2%	
39A (N Jackson)	4	0	0	0	3	0	0	0	7	6	0	0	0	5	0	0	0	11	0.7%	
39B (S Jackson)	5	0	0	0	1	0	0	0	6	8	0	0	0	2	0	0	0	10	0.6%	
40A (Jerauld)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%	
41A (Jones)	6	0	0	0	3	0	0	0	9	10	0	0	0	5	0	0	0	14	0.8%	
42A (Kingsbury)	10	0	2	0	0	0	0	0	12	16	0	3	0	0	0	0	0	19	1.1%	
43A (Lake)	3	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	5	0.3%	
44A (Lincoln)	4	0	1	0	0	0	0	0	5	6	0	2	0	0	0	0	0	8	0.5%	
45A (W Lyman)	11	0	1	1	4	0	0	0	17	18	0	2	1	6	0	0	0	27	1.6%	
45B (E Lyman)	4	0	3	1	7	0	0	0	15	6	0	5	1	11	0	0	0	24	1.4%	
45C (NE Lyman/SE Stanley)	3	1	0	0	3	0	0	0	7	5	2	0	0	5	0	0	0	11	0.7%	
45D (Ft Pr Nat Grslnd)	2	0	0	0	1	0	0	0	3	3	0	0	0	2	0	0	0	5	0.3%	
46A (McCook)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3	0.2%	
47A (McPherson)	6	0	2	0	0	0	0	0	8	10	0	3	0	0	0	0	0	13	0.8%	
48A (Marshall)	11	1	3	0	0	0	0	0	15	18	2	5	0	0	0	0	0	24	1.4%	
49A (W Meade)	14	0	10	0	2	0	0	0	26	23	0	16	0	3	0	0	0	42	2.5%	
49B (NE Meade)	9	0	0	0	5	0	1	0	15	15	0	0	0	8	0	2	0	24	1.4%	
50A,B (Mellelette)	4	0	1	0	4	0	0	0	9	6	0	2	0	6	0	0	0	14	0.8%	
51A (Miner)	2	0	1	0	0	0	0	0	3	3	0	2	0	0	0	0	0	5	0.3%	
52A (Moody)	3	0	4	0	0	0	0	0	7	5	0	6	0	0	0	0	0	11	0.7%	
53A (N Perkins)	11	0	0	0	12	0	3	1	27	18	0	0	0	19	0	5	1	43	2.5%	
53C (S Perkins)	5	0	1	0	7	0	0	1	14	8	0	2	0	11	0	0	1	22	1.3%	
54A (Potter)	4	0	2	0	1	0	0	0	7	6	0	3	0	2	0	0	0	11	0.7%	
55A (Roberts)	13	0	3	0	0	0	0	0	16	21	0	5	0	0	0	0	0	26	1.5%	
56A (Sanborn)	4	0	2	0	0	0	0	0	6	6	0	3	0	0	0	0	0	10	0.6%	
57A (Spink)	17	1	3	0	0	0	0	0	21	28	2	5	0	0	0	0	0	34	2.0%	
58A (Stanley)	6	0	0	0	7	0	0	0	13	10	0	0	0	11	0	0	0	21	1.2%	
59A (W Sully)	6	0	1	0	4	0	3	1	15	10	0	2	0	6	0	5	1	24	1.4%	
59B (E Sully)	3	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	5	0.3%	
60A (Tripp)	13	1	5	0	2	0	0	0	21	21	2	8	0	3	0	0	0	34	2.0%	
61A (Turner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
62A (Union)	8	0	1	1	0	0	0	0	10	13	0	2	1	0	0	0	0	16	0.9%	
63A (Walworth)	6	0	0	0	2	0	0	0												

Archery Deer 1975-2019



APPRENTICE/YOUTH DEER

There were 4,424 single-tag antlerless licenses issued for the 2019 Apprentice Deer (formerly Youth Deer) hunting season (3,942 resident, 482 nonresident). All license holders were surveyed and 2,918 responses (67%) were received. Approximately 61% of hunters responded through the Internet.

The Apprentice season ran from September 14, 2019 through January 1, 2020. Respondents reported hunting an average of 3.93 days each, which projected to 17,380 recreation days for the season.

Projections for the season indicated that 263 whitetail bucks, 1,722 whitetail does, 37 mule deer bucks, and 297 mule deer does were harvested. The estimated total harvest for the Apprentice Deer season was 2,319, and the overall success rate was 52%. The five deer management units with the highest reported harvest were the Black Hills, Minnehaha, E Custer/S Pennington, and Grant, which accounted for 23% of the total apprentice season harvest.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.70.

Comparison of the 2011 - 2019 Apprentice/Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2011	7,033	339	43	2,349	322	3,053	43%	5.58	5.02
2012	6,110	321	33	2,387	305	3,046	50%	4.87	5.32
2013	5,548	346	32	1,756	344	2,477	45%	4.64	5.23
2014	5,038	317	37	1,924	287	2,565	51%	4.61	5.47
2015	5,331	329	33	2,137	333	2,831	53%	4.54	5.59
2016	4,861	322	29	1,896	324	2,571	53%	4.15	5.65
2017	5,325	292	35	2,072	426	2,825	53%	4.17	5.65
2018	4,845	264	35	1,823	377	2,499	52%	3.85	5.72
2019	4,424	263	37	1,722	297	2,319	52%	3.93	5.70

2019 Apprentice Deer Harvest Projections

Last Revised:		Harvest Projections													Average		Avg
16-May-20		License Holders	Licenses Available	Licenses Sold			Response Rate	Hunter Success	Whitetail			Mule Deer			Total Harvest	Satisfaction Score **	Days Hunted
Unit				Resident	Nonresident	Tags Sold			Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Statewide no Access permit		4,370	Unlimited	3,896	474	4,370	66%	52%	259	1,501	205	37	246	37	2,285	5.70	3.93
Statewide w/ Access permit		54	Unlimited	46	8	54	83%	64%	5	14	1	0	11	4	35	5.87	3.64
Totals		4,424		3,942	482	4,424	66.5%	52.4%	263	1,516	207	37	257	40	2,319	5.70	3.93
** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.																	

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2019 Access Permit Apprentice Deer Survey Results

Unit	Permit Holders	Licenses Available	Permits Issued		Issued	Projected Hunted	Response Rate	Hunter Success	Tag Success	Harvest Projections						Total Harvest	Average Satisfaction Score **	Avg Days Hunted
										Whitetail			Mule Deer					
			Resident	Nonresident						Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Brule Cty GPA Corps / 13L	15	Unlimited	14	1	15	5	87%	0%	0%	0	0	0	0	0	0	0	4.67	1.00
Custer Nat Forest / 35L	27	Unlimited	20	7	27	11	85%	67%	26%	0	0	0	0	4	4	7	4.75	1.78
Hill Ranch GPA / 27L	16	Unlimited	14	2	16	6	81%	40%	15%	0	1	1	0	0	0	2	6.60	2.80
Little Moreau GPA / 24B	7	Unlimited	6	1	7	5	57%	33%	25%	2	0	0	0	0	0	2	4.50	4.00
	54		54	11	65	23	83.3%	47.4%	17%	2	1	1	0	4	4	11	5.11	2.32

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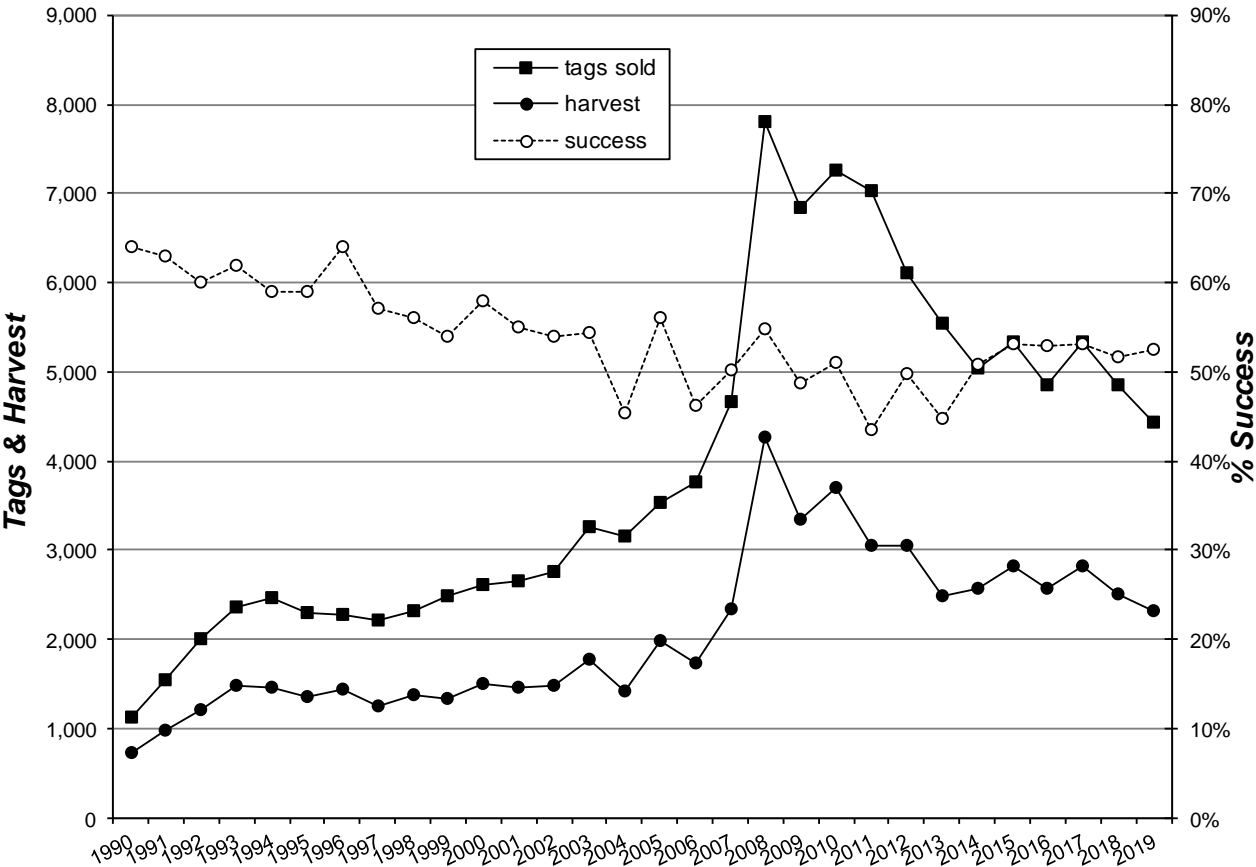
2019 Apprentice Deer Harvest Distribution by Management Unit

Last Revised:
18-May-20

Unit	Reported Harvest							Projected Harvest								
	Whitetail			Mule Deer				Whitetail			Mule Deer			Total		
	Bucks	Does		Bucks	Does		Bucks	Does		Bucks	Does					
	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%	
01A (Minnehaha)	5	31	2	0	1	0	39	8	49	3	0	2	0	62	2.7%	
02A (NE Penn/SE Meade)	0	12	1	0	4	0	17	0	19	2	0	6	0	27	1.2%	
02C (SE Pennington)	3	7	0	0	6	0	16	5	11	0	0	9	0	25	1.1%	
03A (Brown)	3	29	2	0	0	0	34	5	46	3	0	0	0	54	2.3%	
04A (Beadle)	5	17	3	0	0	0	25	8	27	5	0	0	0	40	1.7%	
05A (Codington)	5	34	3	0	0	0	42	8	54	5	0	0	0	67	2.9%	
06A (Brookings)	2	20	5	0	0	0	27	3	32	8	0	0	0	43	1.8%	
07A (Yankton)	3	18	3	0	0	0	24	5	29	5	0	0	0	38	1.6%	
08A (Davison)	1	4	1	0	0	0	6	2	6	2	0	0	0	9	0.4%	
10A (Aurora)	1	16	2	0	0	0	19	2	25	3	0	0	0	30	1.3%	
11A (N Bennett)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.1%	
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
12A (Bon Homme)	5	12	2	0	1	0	20	8	19	3	0	2	0	32	1.4%	
13A (Brule)	1	8	3	0	1	1	14	2	13	5	0	2	2	22	1.0%	
13L (Brule GPA's/Corps)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
14A (Buffalo)	0	2	0	1	1	0	4	0	3	0	2	2	0	6	0.3%	
15A (Butte)	2	17	3	2	7	3	34	3	27	5	3	11	5	53	2.3%	
15B (SW Butte/Lawrence)	0	20	2	1	3	0	26	0	32	3	2	5	0	41	1.8%	
16A (Campbell)	1	4	1	0	2	0	8	2	6	2	0	3	0	13	0.5%	
17A (Charles Mix)	4	18	0	0	1	0	23	6	29	0	0	2	0	36	1.6%	
18A (Clark)	3	26	6	0	0	0	35	5	41	9	0	0	0	55	2.4%	
19A (Clay)	0	9	1	0	0	0	10	0	14	2	0	0	0	16	0.7%	
20A (Corson)	1	6	0	0	4	0	11	2	10	0	0	6	0	17	0.7%	
21A (E Custer/S Penn)	3	21	1	0	13	0	38	5	33	2	0	20	0	60	2.6%	
21B (C Custer/C Penn)	1	12	2	0	5	1	21	2	19	3	0	8	2	33	1.4%	
22A (Day)	4	21	4	0	0	0	29	6	33	6	0	0	0	46	2.0%	
23A (Deuel)	2	23	1	0	0	0	26	3	37	2	0	0	0	41	1.8%	
24A (Dewey)	1	7	0	0	1	0	9	2	11	0	0	2	0	14	0.6%	
24B (Little Moreau)	1	0	1	1	0	0	3	2	0	2	2	0	0	5	0.2%	
25A (Douglas)	2	6	0	0	0	1	9	3	10	0	0	0	2	14	0.6%	
26A (Edmunds)	1	10	1	0	0	0	12	2	16	2	0	0	0	19	0.8%	
27A (NW FRiver/SW Cust)	0	5	2	1	3	0	11	0	8	3	2	5	0	17	0.7%	
27B (Fall River)	0	6	2	1	8	4	21	0	10	3	2	12	6	33	1.4%	
27L (Hill Ranch Area)	0	2	1	0	0	0	3	0	3	2	0	0	0	5	0.2%	
28A (Faulk)	2	5	2	0	0	0	9	3	8	3	0	0	0	14	0.6%	
29A (Grant)	8	32	5	0	0	0	45	13	51	8	0	0	0	71	3.1%	
30A,B (Gregory)	5	21	1	0	0	0	27	8	33	2	0	0	0	43	1.8%	
31A (Haakon)	2	5	2	0	10	1	20	3	8	3	0	15	2	31	1.3%	
32A (Hamlin)	9	20	7	0	0	0	36	14	32	11	0	0	0	57	2.5%	
33A (Hand)	2	11	1	1	1	0	16	3	17	2	2	2	0	25	1.1%	
34A (Hanson)	2	15	0	0	0	0	17	3	24	0	0	0	0	27	1.2%	
35A (W Harding)	0	1	0	0	5	0	6	0	2	0	0	8	0	9	0.4%	
35C (E Harding)	1	1	0	0	0	0	2	2	2	0	0	0	0	3	0.1%	
35L (Custer Nat Forest)	0	0	1	0	4	3	8	0	0	2	0	6	5	12	0.5%	
36A (Hughes)	0	6	0	1	7	0	14	0	10	0	2	11	0	22	0.9%	
37A (Hutchinson)	0	12	0	0	0	0	12	0	19	0	0	0	0	19	0.8%	
38A (Hyde)	2	3	0	0	0	0	5	3	5	0	0	0	0	8	0.3%	
39A (N Jackson)	0	2	0	1	1	0	4	0	3	0	2	2	0	6	0.3%	
39B (S Jackson)	0	1	1	0	2	0	4	0	2	2	0	3	0	6	0.3%	
40A (Jerauld)	1	1	1	0	0	0	3	2	2	2	0	0	0	5	0.2%	
41A (Jones)	1	2	2	0	1	0	6	2	3	3	0	2	0	9	0.4%	
42A (Kingsbury)	1	14	2	0	0	0	17	2	22	3	0	0	0	27	1.2%	
43A (Lake)	2	14	4	0	0	0	20	3	22	6	0	0	0	32	1.4%	
44A (Lincoln)	2	14	2	0	0	0	18	3	22	3	0	0	0	29	1.2%	
45A (W Lyman)	1	2	0	0	4	2	9	2	3	0	0	6	3	14	0.6%	
45B (E Lyman)	0	2	0	0	2	0	4	0	3	0	0	3	0	6	0.3%	
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
45D (Ft Pr Nat GrsInd)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.1%	
46A (McCook)	6	22	5	0	0	0	33	9	35	8	0	0	0	52	2.3%	
47A (McPherson)	2	10	1	0	0	0	13	3	16	2	0	0	0	21	0.9%	
48A (Marshall)	2	10	1	0	0	0	13	3	16	2	0	0	0	21	0.9%	
49A (W Meade)	5	21	3	0	4	0	33	8	33	5	0	6	0	52	2.2%	
49B (NE Meade)	0	8	1	0	9	1	19	0	13	2	0	14	2	30	1.3%	
50A,B (Mellette)	1	5	1	2	1	1	11	2	8	2	3	2	2	17	0.7%	
51A (Miner)	3	17	2	0	0	0	22	5	27	3	0	0	0	35	1.5%	
52A (Moody)	2	17	2	0	0	1	22	3	27	3	0	0	2	35	1.5%	
53A (N Perkins)	2	4	1	2	15	2	26	3	6	2	3	23	3	40	1.7%	
53C (S Perkins)	0	3	0	1	7	1	12	0	5	0	2	11	2	19	0.8%	
54A (Potter)	0	2	1	2	1	0	6	0	3	2	3	2	0	9	0.4%	
55A (Roberts)	3	20	3	0	0	0	26	5	32	5	0	0	0	41	1.8%	
56A (Sanborn)	1	8	2	0	0	0	11	2	13	3	0	0	0	17	0.8%	
57A (Spink)	6	12	3	0	0	0	21	9	19	5	0	0	0	33	1.4%	
58A (Stanley)	1	2	1	3	3	1	11	2	3	2	5	5	2	17	0.7%	
59A (W Sully)	1	3	0	0	4	0	8	2	5	0	0	6	0	12	0.5%	
59B (E Sully)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.1%	
60A (Tripp)	1	8	1	1	1	0	12	2	13	2	2	2	0	19	0.8%	
61A (Turner)	2	15	1	0	1	0	19	3	24	2	0	2	0	30	1.3%	
62A (Union)	7	20	1	0	1	0	29	11	32	2	0	2	0	46	2.0%	
63A (Walworth)	1	5	2	0	3	1	12	2	8	3	0	5	2	19	0.8%	
64A (Ziebach)	0	3	0	0	1	2	6	0	5	0	0	2	3	9	0.4%	
65A (Oglala Lakota)	0	3	0	0	0	0	3	0	5	0	0	0	0	5	0.2%	
67A (Todd)	1	4	0	0	0	0	5	2	6	0	0	0	0	8	0.3%	
BH (Black Hills)	19	121	14	2	18	0	174	30	192	22	3	28	0	275	11.8%	
Unknown	7	44	4	1	4	1	61									
TOTALS	174	999	136	24	171	27	1,531	263	1,516	207	37	257	40	2,319		

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
 Use these figures for approximations only!

Apprentice Deer 1990-2019



MENTORED YOUTH DEER

There were 5,715 resident single-tag antlerless mentored youth deer licenses issued for 2019. All mentors/hunters were surveyed and 3,813 responses (67%) were received. Approximately 61% of mentors/hunters used the Internet to respond.

The Mentored Youth licenses were valid during the Apprentice Deer season which ran from September 14, 2019 through January 1, 2020. Respondents reported hunting an average of 3.52 days each, which projected to 20,133 recreation days for the season.

Projections for the season indicated that a total of 348 whitetail bucks, 2,123 whitetail does, 45 mule deer bucks, and 417 mule deer does were harvested. The total harvest for the Mentored Youth Deer season was 2,932, and the overall success rate was 51%. The five deer management units with the highest reported harvest were the Black Hills, Minnehaha, Brown, Charles Mix, and Hamlin.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.79.

Summary for the 2011-2019 Mentored Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2011	2,335	143	14	872	171	1,200	51%	4.16	5.70
2012	2,497	207	28	1,015	182	1,431	57%	3.77	5.78
2013	2,939	179	14	1,028	154	1,375	47%	3.87	5.57
2014	3,096	214	29	1,187	167	1,595	52%	3.98	5.70
2015	3,646	261	25	1,556	243	2,086	57%	3.96	5.89
2016	3,646	287	30	1,495	301	2,114	58%	3.56	5.85
2017	4,069	230	31	1,567	320	2,147	53%	3.78	5.83
2018	5,357	324	51	2,335	439	2,824	53%	3.61	5.89
2019	5,715	348	45	2,123	417	2,932	51%	3.52	5.79

2019 Mentored Youth Deer Harvest Projections

Last Revised:

16-May-20

Last Revised:
16-May-20

Unit	License Holders	Licenses Available	Licenses Sold		Tags Sold	Response Rate	Hunter Success	Harvest Projections						Total Harvest	Average Satisfaction Score **	Avg Days Hunted
			Resident	Nonresident				Whitetail			Mule Deer					
								Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Statewide no Access permit	5,631	Unlimited	5,631	0	5,631	67%	51%	342	1,790	303	39	354	47	2,876	5.79	3.52
Statewide w/ Access permit	84	Unlimited	84	0	84	73%	67%	6	23	6	6	12	4	56	5.91	3.52
Totals	5,715		5,715	0	5,715	67.1%	51.3%	348	1,814	309	45	367	51	2,932	5.79	3.52

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2019 Access Permit Mentored Youth Deer Survey Results

Last Revised:

16-May-20

Last Revised:
16-May-20

Unit	Permit Holders	Licenses Available	Permits Issued		Issued	Projected Hunted	Response Rate	Hunter Success	Tag Success	Harvest Projections						Total Harvest	Average Satisfaction Score **	Avg Days Hunted
			Resident	Nonresident						Whitetail			Mule Deer					
										Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Brule Cty GPA Corps / 13L	25	Unlimited	25	0	25	6	75%	25%	6%	0	0	0	1	0	0	1	5.50	3.50
Custer Nat Forest / 35L	37	Unlimited	37	0	37	4	81%	0%	0%	0	0	0	0	0	0	0	4.67	1.67
Hill Ranch GPA / 27L	25	Unlimited	25	0	25	11	72%	13%	6%	0	0	0	0	1	0	1	6.25	1.63
Little Moreau GPA / 24B	8	Unlimited	8	0	8	0	60%	0%	0%	0	0	0	0	0	0	0		
	84		95	0	95	21	72.6%	6.7%	3%	0	0	0	1	1	0	3	5.76	2.14

South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections
Corey Huxoll

2019 Mentored Youth Deer Harvest Distribution by Management Unit

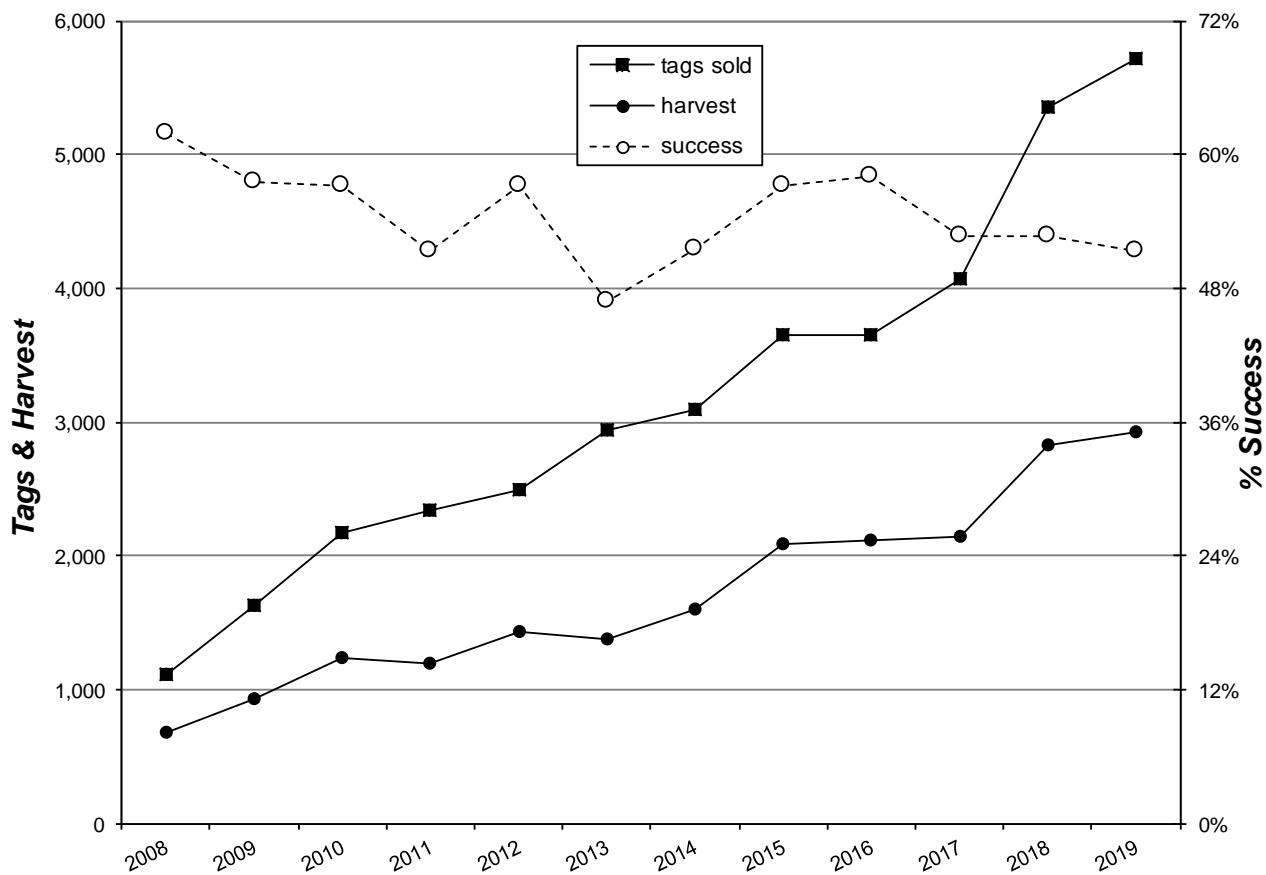
Last Revised:
18-May-20

Unit	Reported Harvest							Projected Harvest							
	Whitetail			Mule Deer				Whitetail			Mule Deer			Total	
	Bucks	Does		Bucks	Does		Bucks	Does		Bucks	Does				
	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	7	38	3	0	0	0	48	11	60	5	0	0	0	75	2.6%
02A (NE Penn/SE Meade)	0	7	1	2	7	2	19	0	11	2	3	11	3	30	1.0%
02C (SE Pennington)	0	7	0	0	6	1	14	0	11	0	0	9	1	22	0.7%
03A (Brown)	3	38	11	0	0	0	52	5	60	17	0	0	0	81	2.8%
04A (Beadle)	8	21	7	0	0	0	36	12	33	11	0	0	0	56	1.9%
05A (Codington)	6	25	10	0	0	0	41	9	39	15	0	0	0	64	2.2%
06A (Brookings)	8	18	2	0	0	0	28	12	28	3	0	0	0	44	1.5%
07A (Yankton)	8	27	6	0	0	0	41	12	43	9	0	0	0	64	2.2%
08A (Davison)	3	16	2	0	0	0	21	5	25	3	0	0	0	33	1.1%
10A (Aurora)	1	12	3	0	0	0	16	2	19	5	0	0	0	25	0.9%
11A (N Bennett)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	0.1%
11B (S Bennett)	0	1	0	0	1	0	2	0	2	0	0	2	0	3	0.1%
12A (Bon Homme)	3	12	3	1	0	0	19	5	19	5	2	0	0	30	1.0%
13A (Brule)	3	12	3	1	5	1	25	5	19	5	2	8	1	39	1.3%
13L (Brule GPA's/Corps)	0	0	0	1	0	0	1	0	0	0	2	0	0	2	0.1%
14A (Buffalo)	0	0	2	0	3	0	5	0	0	3	0	5	0	8	0.3%
15A (Butte)	0	17	3	2	13	2	37	0	27	5	3	20	3	58	2.0%
15B (SW Butte/Lawrence)	2	18	4	0	9	0	33	3	28	6	0	14	0	52	1.8%
16A (Campbell)	2	7	2	0	4	2	17	3	11	3	0	6	3	26	0.9%
17A (Charles Mix)	5	31	2	0	3	3	44	8	49	3	0	5	4	69	2.3%
18A (Clark)	4	27	4	0	0	0	35	6	43	6	0	0	0	55	1.9%
19A (Clay)	2	12	0	0	0	0	14	3	19	0	0	0	0	22	0.8%
20A (Corson)	1	11	1	0	7	0	20	2	17	2	0	11	0	31	1.1%
21A (E Custer/S Penn)	0	11	4	0	7	1	23	0	17	6	0	11	1	36	1.2%
21B (C Custer/C Penn)	0	4	1	0	3	0	8	0	6	2	0	5	0	13	0.4%
22A (Day)	4	18	7	0	0	0	29	6	28	11	0	0	0	45	1.5%
23A (Deuel)	5	17	5	0	0	0	27	8	27	8	0	0	0	42	1.4%
24A (Dewey)	1	5	1	2	3	0	12	2	8	2	3	5	0	19	0.6%
24B (Little Moreau)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
25A (Douglas)	6	13	5	0	1	0	25	9	21	8	0	2	0	39	1.3%
26A (Edmunds)	3	14	0	0	1	0	18	5	22	0	0	2	0	28	1.0%
27A (NW FRiver/SW Cust)	0	5	0	0	7	1	13	0	8	0	0	11	1	20	0.7%
27B (Fall River)	0	4	0	0	7	0	11	0	6	0	0	11	0	17	0.6%
27L (Hill Ranch Area)	0	0	0	0	1	0	1	0	0	0	0	2	0	2	0.1%
28A (Faulk)	3	13	1	0	0	0	17	5	21	2	0	0	0	27	0.9%
29A (Grant)	15	22	5	0	0	0	42	23	35	8	0	0	0	65	2.2%
30A,B (Gregory)	5	33	2	0	0	0	40	8	52	3	0	0	0	63	2.1%
31A (Haakon)	2	12	2	0	13	2	31	3	19	3	0	20	3	48	1.7%
32A (Hamlin)	7	41	10	0	0	0	58	11	65	15	0	0	0	91	3.1%
33A (Hand)	3	17	3	0	1	0	24	5	27	5	0	2	0	38	1.3%
34A (Hanson)	1	12	2	0	0	0	15	2	19	3	0	0	0	24	0.8%
35A (W Harding)	1	3	1	2	6	0	13	2	5	2	3	9	0	20	0.7%
35C (E Harding)	0	2	2	1	5	1	11	0	3	3	2	8	1	17	0.6%
35L (Custer Nat Forest)	0	1	0	0	1	0	2	0	2	0	0	2	0	3	0.1%
36A (Hughes)	2	4	4	1	4	1	16	3	6	6	2	6	1	25	0.8%
37A (Hutchinson)	1	12	2	0	0	0	15	2	19	3	0	0	0	24	0.8%
38A (Hyde)	0	9	0	0	0	1	10	0	14	0	0	0	1	16	0.5%
39A (N Jackson)	0	1	0	0	1	0	2	0	2	0	0	2	0	3	0.1%
39B (S Jackson)	0	1	0	0	1	0	2	0	2	0	0	2	0	3	0.1%
40A (Jerauld)	0	8	0	0	1	0	9	0	13	0	0	2	0	14	0.5%
41A (Jones)	1	7	2	1	5	1	17	2	11	3	2	8	1	27	0.9%
42A (Kingsbury)	5	20	4	0	0	0	29	8	32	6	0	0	0	45	1.5%
43A (Lake)	4	18	3	0	0	0	25	6	28	5	0	0	0	39	1.3%
44A (Lincoln)	3	16	1	0	1	0	21	5	25	2	0	2	0	33	1.1%
45A (W Lyman)	0	9	0	1	6	0	16	0	14	0	2	9	0	25	0.9%
45B (E Lyman)	0	7	2	1	3	0	13	0	11	3	2	5	0	20	0.7%
45C (NE Lyman/SE Stanley)	1	2	0	0	0	0	3	2	3	0	0	0	0	5	0.2%
45D (Ft Pr Nat Grslnd)	1	0	0	0	0	0	1	2	0	0	0	0	0	2	0.1%
46A (McCook)	6	20	3	0	0	0	29	9	32	5	0	0	0	45	1.5%
47A (McPherson)	3	14	2	0	0	0	19	5	22	3	0	0	0	30	1.0%
48A (Marshall)	3	13	4	0	0	0	20	5	21	6	0	0	0	31	1.1%
49A (W Meade)	3	20	4	0	6	1	34	5	32	6	0	9	1	53	1.8%
49B (NE Meade)	2	4	2	2	8	2	20	3	6	3	3	13	3	31	1.1%
50A,B (Mellette)	1	8	2	1	8	2	22	2	13	3	2	13	3	34	1.2%
51A (Miner)	5	12	3	0	0	0	20	8	19	5	0	0	0	31	1.1%
52A (Moody)	5	20	1	0	0	0	26	8	32	2	0	0	0	41	1.4%
53A (N Perkins)	0	1	0	3	16	3	23	0	2	0	5	25	4	36	1.2%
53C (S Perkins)	0	3	0	2	9	2	16	0	5	0	3	14	3	25	0.9%
54A (Potter)	1	6	1	0	1	0	9	2	9	2	0	2	0	14	0.5%
55A (Roberts)	5	25	4	0	1	0	35	8	39	6	0	2	0	55	1.9%
56A (Sanborn)	5	18	2	0	0	0	25	8	28	3	0	0	0	39	1.3%
57A (Spink)	4	28	3	0	0	0	35	6	44	5	0	0	0	55	1.9%
58A (Stanley)	3	9	0	0	8	2	22	5	14	0	0	13	3	34	1.2%
59A (W Sully)	2														

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

Mentored Youth Deer 2008-2019



MUZZLELOADER DEER

There were 2,332 "antlerless whitetail" licenses (2,192 resident, 140 nonresident) and 1,008 "any deer" licenses issued for the 2019 Muzzleloader Deer season, which represented a total of 3,340 tags. All license holders were surveyed and 2,409 responded for a response rate of 75%. Approximately 66% of muzzleloader hunters used the Internet to respond.

The 2019 Muzzleloader season was open from December 1, 2019 through January 1, 2020. There were 5,159 applicants for the 1,000 "any deer" licenses. Respondents averaged 4.95 days of hunting for a projected total of 16,054 recreation days for the season.

The estimated harvest for the Muzzleloader season was 1,219 deer (295 whitetail bucks, 795 whitetail does, 112 mule deer bucks, and 17 mule deer does). The overall success rate for the muzzleloader season was 36% and average satisfaction was 5.10 (1 = very dissatisfied, 7 = very satisfied).

The five deer management units with the highest reported harvest were the Black Hills, Brown, Brookings, Lake, and Union accounting for approximately 33% of the total season harvest.

Summary comparison of the 2011-2019 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest						Avg Days Hunted	Average Satisfctn
			Bucks		Does		Total	Success		
	Res	Nonres	WT	Mule	WT	Mule				
2011	4,747	265	308	83	1,113	216	1,720	26%	4.82	4.36
2012	4,856	288	433	115	1,218	211	1,977	29%	4.51	4.75
2013	4,350	286	312	62	821	146	1,340	23%	4.14	4.57
2014	3,073	140	235	85	498	11	829	26%	3.79	4.58
2015	3,303	143	313	77	539	16	935	27%	4.03	4.76
2016	2,914	134	334	89	699	6	1,127	37%	4.06	5.03
2017	3,304	128	263	117	865	4	1,251	36%	4.39	5.10
2018	3,263	120	275	110	808	14	1,208	36%	4.44	5.01
2019	3,200	140	295	112	795	17	1,219	36%	4.95	5.10

2019 Muzzleloader Deer Harvest Projections

Harvest Projections																		
Last Revised: 21-May-20	License Holders	Licenses Available	Licenses Sold		Tags Sold	Response Rate	Hunter Success	Whitetail				Mule Deer				Total Deer Harvest	Avg Days Hunted	Avg Satisf
			Resident	Nonresident				Bucks		Does		Bucks		Does				
								Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
Unit-Type																		
ST1-01	1,008	1,000	1,008	0	1,008	78%	39%	199	12	52	5	112	0	17	0	396	-	-
LM1-13	2,332	Unlimited	2,192	140	2,332	74%	35%	0	85	675	63	0	0	0	0	823	-	-
Totals	3,242		3,200	140	3,340	74.6%	36.5%	199	96	727	68	112	0	17	0	1,219	4.95	5.10

2019 Access Permit Muzzleloader Deer Survey Results

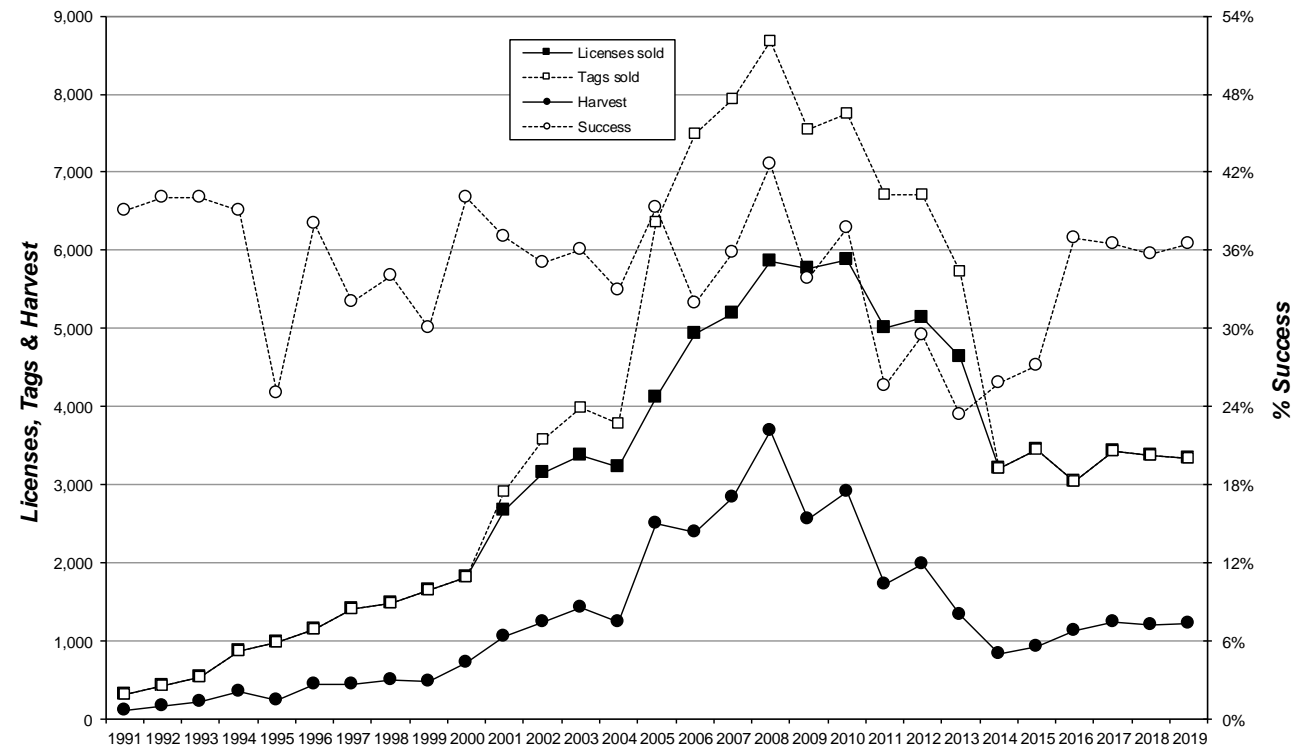
Last Revised: 18-May-20	Harvest Projections																			Avg Days Hunted	Avg Satisf
	Permit Holders	Permits Available	Permits Issued Resident Nonresident		Sold	Projected Hunted	Response Rate	Hunter Success	Permit Success	Whitetail				Mule Deer				Total Deer Harvest			
										Bucks		Does		Bucks		Does					
										Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
Unit																					
Custer Nat Forest / 35L	100	Unlimited	100	0	100	40	78%	39%	15%	1	0	0	0	13	0	1	0	15	3.39	5.45	
Hill Ranch GPA / 27L	18	Unlimited	18	0	18	5	78%	25%	7%	1	0	0	0	0	0	0	0	1	6.75	6.00	
Little Moreau GPA / 24B	41	Unlimited	36	5	41	11	61%	43%	12%	0	2	2	2	0	0	0	0	5	2.86	4.29	
Brule GPA/Corps / 13L	22	Unlimited	22	0	22	6	73%	25%	6%	0	0	0	0	0	0	1	0	1	1.75	4.00	
	145		176	5	181	60	74.5%	37.8%	13%	3	2	2	2	13	0	3	0	23	3.53	5.15	

South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections

Corey Huxoll

2019 Muzzleloader Deer Harvest Distribution by Management Unit																					
County	Reported Harvest									Projected Harvest											
	Whitetail				Mule Deer					Total	Whitetail				Mule Deer					Total	
	Bucks		Does		Bucks		Does				Bucks		Does		Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult		Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
01A (Minnehaha)	0	1	20	2	0	0	0	0	23	0	1	30	3	0	0	0	0	35	2.8%		
02A (NE Penn/SE Meade)	0	0	7	1	1	0	0	0	9	0	0	11	1	1	0	0	0	13	1.1%		
02C (SE Pennington)	0	2	12	4	4	0	0	0	22	0	3	18	6	6	0	0	0	32	2.7%		
03A (Brown)	3	4	19	0	0	0	0	0	26	4	6	29	0	0	0	0	0	39	3.2%		
04A (Beadle)	3	0	9	2	0	0	0	0	14	4	0	14	3	0	0	0	0	21	1.7%		
05A (Codington)	3	1	12	1	0	0	0	0	17	4	1	18	1	0	0	0	0	25	2.1%		
06A (Brookings)	2	6	28	2	0	0	0	0	38	3	9	42	3	0	0	0	0	57	4.7%		
07A (Yankton)	4	1	6	1	0	0	0	0	12	6	1	9	1	0	0	0	0	18	1.5%		
08A (Davison)	0	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	2	0.1%		
10A (Aurora)	0	3	1	0	0	0	0	0	4	0	4	2	0	0	0	0	0	6	0.5%		
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
11B (S Bennett)	1	0	1	0	0	0	0	0	2	1	0	2	0	0	0	0	0	3	0.2%		
12A (Bon Homme)	3	1	8	0	0	0	0	0	12	4	1	12	0	0	0	0	0	18	1.5%		
13A (Brule)	2	0	6	0	0	0	0	0	8	3	0	9	0	0	0	0	0	12	1.0%		
13L (Brule GPA's/Corps)	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0	2	0.1%		
14A (Buffalo)	0	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	2	0.1%		
15A (Butte)	2	0	3	1	5	0	0	0	11	3	0	5	1	7	0	0	0	16	1.3%		
15B (SW Butte/Lawrence)	2	1	7	0	0	0	0	0	10	3	1	11	0	0	0	0	0	15	1.2%		
16A (Campbell)	1	0	3	0	1	0	2	0	7	1	0	5	0	1	0	3	0	11	0.9%		
17A (Charles Mix)	2	1	2	1	2	0	0	0	8	3	1	3	1	3	0	0	0	12	1.0%		
18A (Clark)	2	0	4	0	0	0	0	0	6	3	0	6	0	0	0	0	0	9	0.7%		
19A (Clay)	1	1	8	0	0	0	0	0	10	1	1	12	0	0	0	0	0	15	1.2%		
20A (Corson)	0	0	0	0	3	0	0	0	3	0	0	0	0	4	0	0	0	4	0.3%		
21A (E Custer/S Penn)	0	0	6	0	4	0	1	0	11	0	0	9	0	6	0	2	0	16	1.3%		
21B (C Custer/C Penn)	1	0	7	0	2	0	0	0	10	1	0	11	0	3	0	0	0	15	1.2%		
22A (Day)	6	3	6	1	0	0	0	0	16	9	4	9	1	0	0	0	0	24	1.9%		
23A (Deuel)	2	3	10	2	0	0	0	0	17	3	4	15	3	0	0	0	0	25	2.1%		
24A (Dewey)	0	0	1	1	0	0	0	0	2	0	0	2	1	0	0	0	0	3	0.2%		
24B (Little Moreau)	0	1	1	1	0	0	0	0	3	0	1	2	1	0	0	0	0	4	0.4%		
25A (Douglas)	0	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	2	0.1%		
26A (Edmunds)	1	0	2	0	0	0	0	0	3	1	0	3	0	0	0	0	0	4	0.4%		
27A (NW FRiver/SW Cust)	1	0	0	0	1	0	0	0	2	1	0	0	0	1	0	0	0	3	0.2%		
27B (Fall River)	1	1	5	0	1	0	1	0	9	1	1	8	0	1	0	2	0	14	1.1%		
27L (Hill Ranch Area)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%		
28A (Faulk)	3	0	1	0	0	0	0	0	4	4	0	2	0	0	0	0	0	6	0.5%		
29A (Grant)	5	0	0	1	0	0	0	0	6	7	0	0	1	0	0	0	0	9	0.7%		
30A,B (Gregory)	5	1	12	1	0	0	0	0	19	7	1	18	1	0	0	0	0	28	2.3%		
31A (Haakon)	1	0	3	0	1	0	1	0	6	1	0	5	0	1	0	2	0	9	0.7%		
32A (Hamlin)	1	1	8	1	0	0	0	0	11	1	1	12	1	0	0	0	0	16	1.4%		
33A (Hand)	2	1	0	1	0	0	0	0	4	3	1	0	1	0	0	0	0	6	0.5%		
34A (Hanson)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%		
35A (W Harding)	1	0	0	0	1	0	0	0	2	1	0	0	0	1	0	0	0	3	0.2%		
35C (E Harding)	0	0	1	0	6	0	0	0	7	0	0	2	0	8	0	0	0	10	0.8%		
35L (Custer Nat Forest)	1	0	1	1	10	0	1	0	14	1	0	2	1	14	0	2	0	20	1.6%		
36A (Hughes)	0	0	0	1	3	0	0	0	4	0	0	0	1	4	0	0	0	6	0.5%		
37A (Hutchinson)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.1%		
38A (Hyde)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
39A (N Jackson)	0	0	1	0	2	0	0	0	3	0	0	2	0	3	0	0	0	4	0.4%		
39B (S Jackson)	2	0	0	0	1	0	0	0	3	3	0	0	0	1	0	0	0	4	0.4%		
40A (Jerauld)	5	1	6	0	0	0	0	0	12	7	1	9	0	0	0	0	0	18	1.5%		
41A (Jones)	0	0																			

Muzzleloader Deer 1991-2019



LANDOWNER FREE ANTLERLESS DEER

There were 313 free single-tag antlerless white-tailed deer licenses issued to qualifying resident landowners for the 2019 West River Deer, East River Deer, Archery Deer, Muzzleloader Deer, and Apprentice Deer hunting seasons. All license holders were surveyed and 137 responses (51%) were received. Approximately 57% of hunters responded through the Internet.

Free Landowner on Own Land Antlerless Deer licenses were valid for qualifying hunters from September 14, 2019 through January 1, 2020. Respondents reported hunting an average of 2.68 days each, which projected to 3,161 recreation days.

Projections for the season estimated that a total of 4 whitetail bucks and 126 whitetail does were harvested. The total harvest for the Free Antlerless Landowner licenses was 130, and the overall success rate was 41%.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 4.79.

Summary of the 2011-2019 Free Landowner Antlerless Deer license statistics

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2011	2,005	91	9	709	104	913	46%	3.80	4.78
2012	1,271	30	0	479	37	546	43%	3.02	4.92
2013	1,390	35	3	359	32	430	31%	3.50	4.72
2014	Closed								
2015	Closed								
2016	628	36	0	264	3	303	48%	3.54	5.15
2017	349	9	0	159	6	173	49%	3.59	5.10
2018	377	14	2	153	5	173	46%	2.99	5.27
2019	313	4	0	126	0	130	41%	2.68	4.79

2019 Free Antlerless Landowner Own Land Harvest Projections

Last Revised: 15-May-20

Last Revised: 15-May-20								Harvest Projections										Total Deer	Mean Satisfactn Rating	Average Days Hunted					
								Licenses		Tags sold	Hunters	Response Rate	Hunter Success	Tag Success	Whitetail						Mule Deer				
								Avail.	Sold						Adult	Fawn	Adult				Fawn	Adult	Fawn	Adult	Fawn
Unit	Avail.	Sold	Tags sold	Hunters	Response Rate	Hunter Success	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Rating	Hunted							
Statewide	Unltd	313	313	269	51%	46%	41%	0	4	120	6	0	0	0	0	130	4.79	2.68							

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2019 Statewide Free Antlerless LOL Harvest Distribution

County	Reported Harvest								Projected Harvest							
	Whitetail				Mule Deer				Whitetail				Mule Deer			
	Bucks		Does		Bucks		Does		Bucks		Does		Bucks		Does	
	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total
																Estimate %
01A (Minnehaha)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
02A (NE Penn/SE Meade)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
02C (SE Pennington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
03A (Brown)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
04A (Beadle)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
05A (Codington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
06A (Brookings)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
07A (Yankton)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
08A (Davison)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10A (Aurora)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
13A (Brule)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
15A (Butte)	1	11	1	0	0	0	0	13	2	29	6	0	0	0	36	28.2%
15B (SW Butte/Lawrence)	0	4	0	0	0	0	0	4	0	10	0	0	0	0	10	8.0%
16A (Campbell)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
17A (Charles Mix)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
18A (Clark)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
19A (Clay)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
21A (E Custer/S Penn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
21B (C Custer/C Penn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
22A (Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
23A (Deuel)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
24A (Dewey)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
26A (Edmunds)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
27A (NW FRiver/SW Cust)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
27B (Fall River)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
28A (Faulk)	0	1	0	0	0	0	0	1	0	3	0	0	0	0	3	2.0%
29A (Grant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
30A,B (Gregory)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
33A (Hand)	0	4	0	0	0	0	0	4	0	10	0	0	0	0	10	8.0%
34A (Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35A (W Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35C (E Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
36A (Hughes)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
37A (Hutchinson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
38A (Hyde)	0	5	0	0	0	0	0	5	0	13	0	0	0	0	13	10.0%
39A (N Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
39B (S Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
40A (Jerauld)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
41A (Jones)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
42A (Kingsbury)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
43A (Lake)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
44A (Lincoln)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45A (W Lyman)	0	5	0	0	0	0	0	5	0	13	0	0	0	0	13	10.0%
45B (E Lyman)	0	1	0	0	0	0	0	1	0	3	0	0	0	0	3	2.0%
45C (NE Lyman/SE Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
45D (Ft Pr Nat Grsind)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
46A (McCook)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
47A (McPherson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
48A (Marshall)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
49A (W Meade)	0	4	0	0	0	0	0	4	0	10	0	0	0	0	10	8.0%
49B (NE Meade)	0	4	0	0	0	0	0	4	0	10	0	0	0	0	10	8.0%
50A,B (Mellette)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
51A (Miner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
52A (Moody)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
53A (N Perkins)	0	2	0	0	0	0	0	2	0	5	0	0	0	0	5	4.0%
53C (S Perkins)	1	4	0	0	0	0	0	5	2	10	0	0	0	0	12	9.6%
54A (Potter)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
55A (Roberts)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
57A (Spink)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
58A (Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
59A (W Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
61A (Turner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
62A (Union)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
64A (Ziebach)	0	1	0	0	0	0	0	1	0	3	0	0	0	0	3	2.0%
65A (Shannon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Unknown	0	15	2	0	0	0	0	17								
TOTALS	2	61	3	0	0	0	0	66	4	120	6	0	0	0	130	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only!

WEST RIVER FIREARM DEER

There were 22,892 licenses issued for the 2019 West River Firearm Deer season (19,349 regular, 993 Special Buck and 2,550 Landowner Own Land Only) for a total of 30,934 tags.

The West River season was open 16 days from November 16 – December 1 in most units. Unit 30A in Gregory County was open from Nov. 9-12 and Nov. 25 – Dec. 1. The season was also open from December 14-22 for all unfilled antlerless deer tags.

A random sample of 9,367 license holders was taken from the regular West River season, 2,533 from the Landowner Own Land Only licenses, and 992 from the Special Buck licenses. All hunters that listed an email address were surveyed using Survey123 Software for the first attempt. Approximately 44% of regular season, 28% of Landowner Own Land, and 66% of Special Buck hunters surveyed through email responded. All hunters who did not respond or did not supply an email address were mailed paper surveys which could be responded to either online or through the mail. Final response rates were 69% for regular West River Deer, 59% for Landowner Own Land and 78% for Special Buck. Of all responding hunters, 62% of regular West River, 45% of Landowner Own Land and 82% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 3.02 days in the regular West River season, 3.52 days for landowner and 3.43 days in the Special Buck. These averages projected to a total of 69,413 recreation days for all West River firearm deer seasons.

The West River projected deer harvest was 13,089 for the regular season, 1,816 for landowner on own land, and 767 for the Special Buck licenses. Success rates were 51% for the regular season, 44% for landowner and 77% for Special Buck.

The mean satisfaction score for those responding to the regular West River season was 5.18 (1 being very dissatisfied and 7 very satisfied).

Summary comparison of the 2011-2019 West River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest					Tag Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule	Total			
2011	25,917	57,091	3,978	8,645	11,139	4,456	12,301	3,901	31,797	48%	3.64	5.00
2012	22,511	44,080	3,143	6,173	8,606	3,650	8,946	2,391	23,594	47%	3.63	4.96
2013	22,422	44,118	3,216	6,257	7,749	3,358	5,785	1,678	18,570	37%	3.56	4.46
2014	20,736	23,533	2,035	2,216	7,646	3,246	2,415	334	13,642	53%	3.25	4.88
2015	20,417	23,405	2,394	2,547	9,091	3,673	2,521	246	15,528	60%	3.12	5.27
2016	21,974	28,565	2,510	3,086	8,789	3,885	3,805	354	16,384	53%	3.33	5.13
2017	21,310	26,057	2,322	2,679	7,977	4,384	3,224	399	15,984	56%	3.28	5.05
2018	21,389	26,184	2,337	2,691	7,731	4,200	3,270	427	15,628	54%	3.38	5.10
2019	20,864	28,342	2,028	2,592	7,717	3,800	3,732	423	15,672	51%	3.09	5.18

2019 West River Deer Antlerless Harvest by Date

	Total	Nov 9 - Dec. 1	Dec 14-22
Reports	1,281	1,084	197
Percent of total		85%	15%
Projected	4,080	3,452	627

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2019 West River Deer Harvest Projections

Last Revised:

09-May-20

Unit	Licenses										Harvest Projections										Total Deer	Mean Satisf	Average Days
	Resident				Nonresident		Tags sold	Response Hunters	Hunter Success	Tag Success	Whitetail				Mule Deer								
	Bucks		Does		Bucks						Does												
	Adult	Fawn	Adult	Fawn	Adult	Fawn					Adult	Fawn	Harvested	CI (95%)	Rating	Hunted							
02A (NE Penn/SE Meade)	600	600	48	48	863	648	74%	54%	45%	105	6	53	6	208	3	6	0	385	+/-44	5.06	2.93		
02C (SE Pennington)	150	153	12	11	164	164	73%	58%	58%	35	1	3	0	52	1	1	0	95	+/-9	5.34	3.15		
11A (N Bennett)	250	244	20	26	270	250	70%	54%	50%	79	2	14	2	34	0	4	0	134	+/-15	5.12	3.08		
11B (S Bennett)	200	190	16	23	213	194	67%	46%	46%	50	2	27	2	18	0	0	0	99	+/-12	4.89	3.37		
15A (Butte)	875	871	70	68	1,636	939	69%	68%	53%	424	38	295	19	83	0	4	0	863	+/-87	5.28	3.83		
15B (SW Butte/Lawrence)	800	801	64	64	1,730	865	68%	70%	54%	373	36	452	43	25	0	4	0	933	+/-92	5.51	3.55		
15P (SW Butte/Lawr Private)	250	242	20	27	807	253	55%	67%	48%	0	75	237	75	0	0	0	0	386	+/-56	5.51	2.57		
20A (Corson)	450	450	36	35	485	485	71%	57%	57%	203	2	19	2	47	0	0	0	274	+/-25	5.07	3.33		
21A (E Custer/S Penn)	325	327	26	26	353	353	71%	63%	63%	154	2	4	2	60	0	0	0	222	+/-18	5.35	3.42		
21B (C Custer/C Penn)	200	200	16	16	216	216	71%	64%	64%	88	8	25	0	12	0	5	0	138	+/-11	5.56	3.21		
24A (Dewey)	450	450	36	36	486	436	70%	57%	54%	164	2	51	7	39	0	0	0	263	+/-26	4.90	2.98		
24B (Little Moreau)	20	20	2	2	22	22	82%	72%	72%	9	4	2	1	0	0	0	0	16	+/-2	5.25	2.78		
27A (NW FRiver/SW Cust)	125	125	10	10	135	135	79%	68%	67%	26	0	5	1	49	0	9	0	90	+/-6	5.18	3.59		
27B (Fall River)	500	501	40	38	539	539	73%	61%	60%	170	2	57	0	85	2	5	0	322	+/-27	5.24	3.35		
27L (Hill Ranch)	15	15	2	2	17	17	82%	79%	79%	10	0	0	0	4	0	0	0	13	+/-2	4.69	3.21		
27P (Fall River Private)	50	49	4	5	54	47	79%	43%	40%	0	0	19	3	0	0	0	0	22	+/-4	5.37	3.08		
30A (Gregory)	625	625	50	50	782	674	72%	48%	47%	260	9	91	6	0	0	0	0	366	+/-40	5.18	2.55		
30B (Gregory)	625	625	50	50	784	675	71%	59%	54%	323	3	81	12	0	0	3	0	422	+/-41	5.44	3.24		
31A (Haakon)	800	798	64	64	862	862	71%	62%	62%	186	3	48	7	265	0	24	0	534	+/-44	5.34	3.10		
35A (W Harding)	700	699	56	56	1,186	732	69%	60%	48%	229	32	159	22	115	0	6	3	567	+/-63	5.06	2.77		
35C (E Harding)	550	540	44	51	1,023	573	66%	58%	45%	173	29	135	14	107	0	0	0	458	+/-57	5.20	2.99		
35L (Custer Nat Forest)	100	104	8	7	111	111	71%	81%	81%	21	0	0	0	61	0	7	0	90	+/-5	5.34	3.23		
39A (N Jackson)	250	249	20	20	269	269	75%	68%	68%	91	0	3	0	86	0	2	0	183	+/-13	5.42	2.64		
39B (S Jackson)	375	371	30	34	405	376	69%	62%	60%	98	2	13	2	122	0	4	0	243	+/-22	5.47	2.77		
41A (Jones)	450	450	36	37	487	480	67%	50%	50%	152	5	15	0	69	0	0	0	241	+/-27	4.92	2.91		
45A (W Lyman)	650	648	52	51	807	699	69%	52%	51%	296	3	64	3	43	0	0	0	409	+/-43	5.12	3.08		
45B (E Lyman)	150	150	12	12	270	162	68%	59%	48%	71	3	41	6	8	0	0	0	129	+/-16	5.12	3.69		
45C (NE Lyman/SE Stanley)	50	50	5	5	77	52	75%	51%	42%	7	0	13	1	11	0	0	0	32	+/-6	5.33	3.11		
45D (Ft Pr Nat Grslnd)	60	65	6	6	71	71	86%	77%	77%	40	0	1	0	14	0	0	0	55	+/-3	5.33	2.82		
45P (E Lyman Private)	50	41	4	13	54	46	65%	37%	34%	0	3	14	2	0	0	0	0	18	+/-5	5.19	2.80		
49A (W Meade)	1,150	1,151	92	91	1,727	1,197	62%	56%	48%	387	45	209	25	134	0	30	0	829	+/-97	5.19	3.16		
49B (NE Meade)	1,300	1,263	104	134	1,609	1,275	67%	50%	42%	240	20	64	15	319	0	25	0	682	+/-86	4.67	2.84		
50A,B (Mellette)	850	851	68	67	918	918	72%	57%	57%	290	7	36	4	172	0	14	0	524	+/-47	5.11	2.45		
53A (N Perkins)	700	701	56	56	1,297	757	73%	63%	48%	217	34	131	31	156	6	46	9	629	+/-66	5.07	2.99		
53C (S Perkins)	1,000	964	80	114	1,724	1,033	67%	63%	48%	311	37	195	8	241	0	29	0	821	+/-93	5.27	2.62		
58A (Stanley)	200	200	16	16	216	216	76%	64%	64%	76	0	3	0	56	2	3	0	139	+/-10	5.48	2.62		
58D (Oahe Dwnstrm)	8	9	2	1	10	10	70%	86%	86%	4	4	0	0	0	0	0	0	9	+/-1	6.57	1.57		
60A (Tripp)	1,300	1,299	104	104	2,373	1,403	62%	56%	43%	505	45	387	34	39	0	6	0	1,016	+/-132	5.24	3.13		
64A (Ziebach)	500	500	40	39	539	514	67%	56%	56%	172	3	10	3	107	3	5	0	303	+/-29	4.88	2.53		
65A (Oglala Lakota)	75	75	6	6	81	81	65%	58%	58%	37	0	0	0	11	0	0	0	47	+/-6	5.60	2.08		
67A (Todd)	150	150	12	12	162	162	68%	57%	56%	75	0	5	0	8	0	3	0	90	+/-9	5.52	2.41		
Totals	17,928	17,816	1,439	1,533	25,834	18,911	69.4%	59%	51%	6,152	466	2,985	355	2,857	17	244	12	13,089	+/-1,399	5.18	3.02		

The response rate for all units combined was:

69%

South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections

Corey Huxoll

2019 West River Deer Harvest Projections

Last Revised: 10-May-20		Licenses						Harvest Projections											
		Resident			Nonresident			Success			Whitetail				Mule Deer				Total Deer
		Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold				Bucks		Does		Bucks		Does		
Unit/Type							1st tag	2nd tag	3rd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	
02A-01	648	400	401	135	32	32	58%			38	0	0	0	208	3	6	0	252	
02A-18	37	200	199	24	16	16	34%	28%		67	6	53	6	0	0	0	0	133	
02C-01	399	100	103	62	8	8	61%			12	0	1	0	52	1	1	0	68	
02C-11	25	50	50	9	4	3	50%			24	1	1	0	0	0	0	0	26	
11A-01	199	150	150	32	12	12	58%			54	0	3	0	34	0	4	0	93	
11A-11	5	50	50	5	4	4	52%			25	0	2	0	0	0	0	0	28	
11A-13	2	50	44	0	4	10	23%			0	2	9	2	0	0	0	0	13	
11B-01	156	100	97	34	8	8	45%			30	0	0	0	18	0	0	0	47	
11B-11	19	50	50	6	4	4	38%			20	2	0	0	0	0	0	0	21	
11B-13	2	50	43	0	4	11	57%			0	0	27	2	0	0	0	0	31	
15A-01	803	225	224	154	18	18	64%			57	0	0	0	83	0	4	0	154	
15A-18	508	650	647	75	52	50	55%	41%		367	38	295	19	0	0	0	0	709	
15B-01	290	150	150	30	12	12	54%			55	0	0	0	25	0	4	0	88	
15B-17	60	150	150	16	12	12	70%	53%	38%	0	11	230	26	0	0	0	0	264	
15B-18	391	500	501	50	40	40	63%	42%		318	25	222	17	0	0	0	0	581	
15P-17	30	250	242	18	20	27	67%	49%	32%	0	75	237	75	0	0	0	0	386	
20A-01	448	150	150	94	12	12	63%			50	2	0	0	47	0	0	0	102	
20A-11	141	300	300	59	24	23	53%			153	0	19	2	0	0	0	0	173	
21A-01	568	125	127	54	10	10	62%			25	0	0	2	60	0	0	0	85	
21A-11	217	200	200	30	16	16	63%			128	2	4	0	0	0	0	0	136	
21B-01	206	100	100	29	8	8	64%			53	0	4	0	12	0	5	0	69	
21B-11	32	50	50	5	4	4	66%			35	1	2	0	0	0	0	0	36	
21B-13	6	50	50	0	4	4	62%			0	7	19	0	0	0	0	0	33	
24A-01	321	100	100	44	8	8	66%			35	0	0	0	39	0	0	0	71	
24A-11	84	250	250	31	20	20	55%			129	0	16	0	0	0	0	0	149	
24A-13	4	100	100	4	8	8	40%			0	2	35	7	0	0	0	0	43	
24B-11	66	10	10	10	1	1	89%			9	0	1	0	0	0	0	0	10	
24B-13	4	10	10	1	1	1	56%			0	4	1	1	0	0	0	0	6	
27A-01	400	125	125	72	10	10	67%			26	0	5	1	49	0	9	0	90	
27B-01	585	200	201	79	16	14	68%			48	0	3	0	85	2	5	0	145	
27B-11	86	200	200	21	16	16	62%			121	0	13	0	0	0	0	0	134	
27B-13	3	100	100	1	8	8	40%			0	2	42	0	0	0	0	0	43	
27L-01	52	5	5	19	1	1	84%			2	0	0	0	4	0	0	0	5	
27L-11	19	10	10	8	1	1	76%			8	0	0	0	0	0	0	0	8	
27P-13	0	50	49	1	4	5	40%			0	0	19	3	0	0	0	0	22	
30A-01	247	25	26	17	2	2	41%			11	0	0	0	0	0	0	0	12	
30A-11	516	500	500	102	40	40	46%			198	3	40	3	0	0	0	0	246	
30A-18	161	100	99	20	8	8	56%	42%		50	5	52	2	0	0	0	0	108	
30B-01	134	25	24	24	2	2	60%			13	0	0	0	0	0	3	0	16	
30B-11	513	500	500	124	40	40	55%			255	3	37	3	0	0	0	0	298	
30B-18	157	100	101	20	8	8	53%	47%		54	0	44	9	0	0	0	0	109	
31A-01	932	600	598	138	48	48	64%			124	0	0	0	265	0	24	0	413	
31A-11	10	100	100	19	8	8	65%			62	0	7	0	0	0	0	0	71	
31A-13	1	100	100	2	8	8	47%			0	3	41	7	0	0	0	0	51	
35A-01	750	300	300	215	24	24	58%			58	0	3	0	115	0	6	3	189	
35A-18	58	300	299	41	24	24	51%	41%		171	32	101	12	0	0	0	0	312	
35A-19	4	100	100	4	8	8	32%	20%		0	0	55	11	0	0	0	0	66	
35C-01	435	150	147	90	12	12	69%			17	0	0	0	107	0	0	0	110	
35C-18	102	300	300	30	24	24	48%	26%		155	18	85	5	0	0	0	0	272	
35C-19	3	100	93	5	8	15	38%	19%		0	10	50	10	0	0	0	0	75	
35L-01	767	100	104	219	8	7	81%			21	0	0	0	61	0	7	0	90	
39A-01	374	150	149	56	12	12	70%			26	0	0	0	86	0	2	0	112	
39A-11	28	100	100	13	8	8	65%			65	0	3	0	0	0	0	0	70	
39B-01	261	275	275	49	22	22	68%			71	0	2	0	122	0	4	0	201	
39B-11	6	50	50	9	4	4	51%			28	0	0	0	0	0	0	0	28	
39B-13	2	50	46	0	4	8	26%			0	2	11	2	0	0	0	0	14	
41A-01	358	150	150	55	12	13	62%			32	2	2	0	69	0	0	0	102	
41A-11	22	300	300	57	24	24	43%			120	3	13	0	0	0	0	0	140	
45A-01	346	100	99	56	8	7	64%			29	0	0	0	43	0	0	0	68	
45A-11	109	450	449	55	36	36	45%			210	0	13	0	0	0	0	0	219	
45A-18	73	100	100	10	8	8	53%	53%		57	3	51	3	0	0	0	0	122	
45B-01	215	50	50	35	4	4	42%			15	0	0	0	8	0	0	0	23	
45B-18	232	100	100	17	8	8	53%	43%		55	3	41	6	0	0	0	0	106	
45C-01	46	30	30	7	3	3				7	0	1	0	11	0	0	0	17	
45C-19	3	20	20	0	2	2	38%	23%		0	0	12	1	0	0	0	0	15	
45D-01	223	20	25	50	2	2	76%			7	0	0	0	14	0	0	0	21	
45D-11	132	40	40	28	4	4	78%			32	0	1	0	0	0	0	0	34	
45P-13	1	50	41	1	4	13	34%			0	3	14	2	0	0	0	0	18	
49A-01	583	700	701	59	56	56	56%			219	14	25	0	134	0	30	0	420	
49A-18	101	300	301	18	24	23	50%	30%		169	8	86	8	0	0	0	0	268	
49A-19	23	150	149	3	12	12	39%	17%		0	22	98	17	0	0	0	0	141	
49B-01	788	700	699	130	56	56	59%			112	0	8	0	319	0	25	0	447	
49B-11	12	400	398	37	32	32	31%			129	0	4	0	0	0	0	0	134	
49B-19	3	200	166	2	16	46	39%	16%		0	20	51	15	0	0	0	0	101	

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South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections
 Corey Huxoll

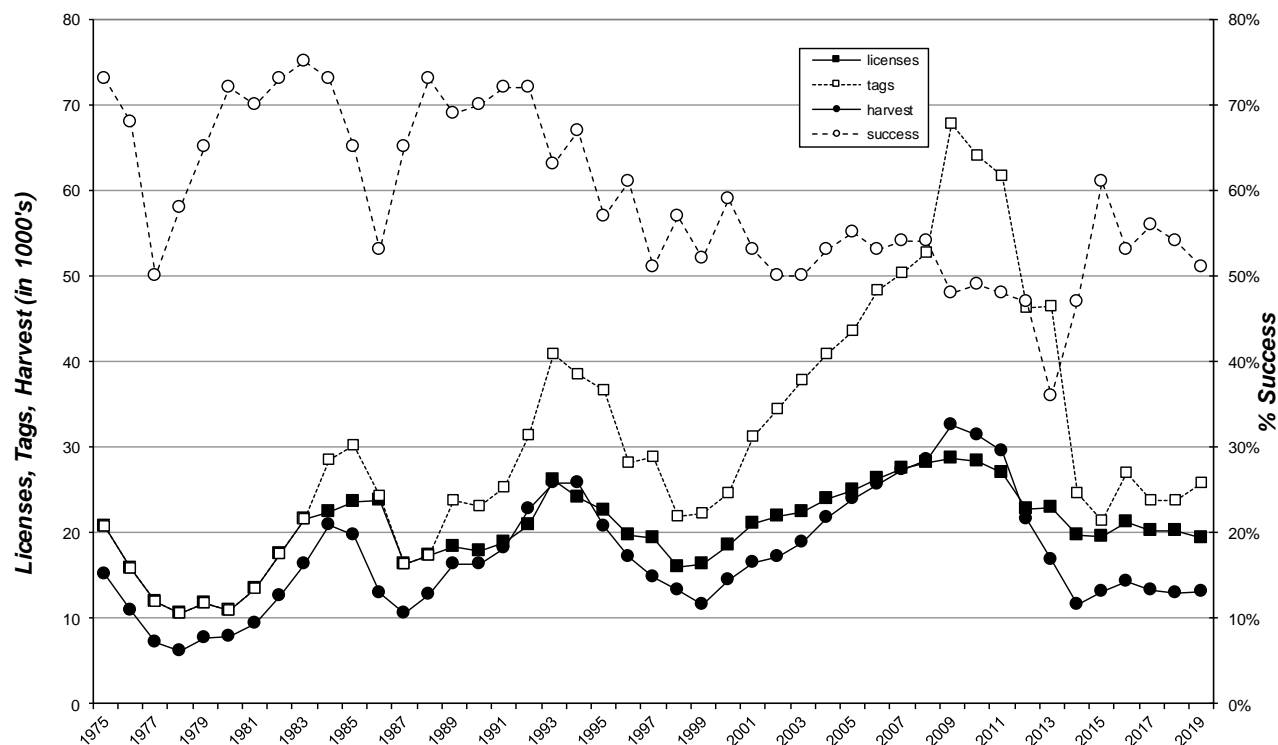
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Last Revised: 10-May-20		Licenses						Harvest Projections													Total Deer Harvest
		Resident			Nonresident			Whitetail						Mule Deer							
		Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold	1st tag	2nd tag	3rd tag	Success	Bucks	Fawn	Adult	Does	Fawn	Bucks	Fawn	Adult	Does	
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	1st tag	2nd tag	3rd tag	Success	Bucks	Fawn	Adult	Does	Fawn	Bucks	Fawn	Adult	Does		
50A-01	763	400	401	96	32	31	61%				71	3	16	0	172	0	14	0	265		
50A-11	61	450	450	45	36	36	53%				219	4	20	4	0	0	0	0	259		
53A-01	613	200	201	155	16	16	62%				39	3	0	0	93	3	7	0	135		
53A-08	248	100	101	29	8	8	70%	49%			16	4	2	5	63	3	39	9	129		
53A-18	128	300	299	40	24	24	46%	32%			161	10	77	21	0	0	0	0	277		
53A-19	4	100	100	6	8	8	48%	33%			0	17	52	5	0	0	0	0	87		
53C-01	501	400	400	76	32	32	65%				88	0	0	0	197	0	7	0	279		
53C-08	183	100	100	20	8	8	70%	52%			33	4	26	0	44	0	22	0	129		
53C-18	55	350	349	43	28	27	51%	30%			191	16	86	8	0	0	0	0	305		
53C-19	3	150	115	8	12	47	45%	24%			0	18	83	0	0	0	0	0	108		
58A-01	631	100	100	76	8	8	74%				18	0	3	0	56	2	3	0	79		
58A-11	75	100	100	28	8	8	55%				57	0	0	0	0	0	0	0	59		
58D-01	12	5	5	2	1	1	100%				4	2	0	0	0	0	0	0	6		
58D-03	0	3	4	0	1	0	54%				0	2	0	0	0	0	0	0	2		
60A-01	898	200	202	116	16	16	52%				66	0	9	0	39	0	6	0	113		
60A-13	21	200	199	34	16	16	41%				0	0	73	13	0	0	0	0	88		
60A-18	463	900	898	89	72	72	49%	36%			440	45	304	21	0	0	0	0	815		
64A-01	311	300	300	72	24	23	61%				77	3	5	0	107	3	5	0	198		
64A-11	1	200	200	24	16	16	48%				95	0	5	3	0	0	0	0	105		
65A-01	62	75	75	15	6	6	58%				37	0	0	0	11	0	0	0	47		
67A-01	155	150	150	33	12	12	56%				75	0	5	0	8	0	3	0	90		
Totals	20,735	17,928	17,816	4,036	1,439	1,533	1st tag	2nd tag			6,152	466	2,985	355	2,857	17	244	12	13,089		
					Type 08/18=		52%	37%													
					Type 09/19=		40%	31%													
* Number of 1st drawing applicants with that season as 1st choice.																					

* Number of 1st drawing applicants with that season as 1st choice.

West River Deer Regular Season 1975-2019

(does not include Special Buck or Landowner Own Land)



2019 West River Landowner Own Land Harvest Projections

Last Revised: 15-May-20

Last Revised: 15-May-20							Harvest Projections																		
							Licenses				Tags sold	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
															Bucks		Does		Bucks		Does				
Unit/Type	Avail.	Sold					Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn											
WR1-01	Unltd	993	993	61%	48%	48%	252	2	20	2	198	2	5	0	479	5.35	3.36								
WR1-08	Unltd	1,557	3,114	57%	61%	43%	480	28	332	34	290	18	150	5	1,336	5.45	3.61								
Totals		2,550	4,107	58.6%	56%	44%	732	30	352	35	487	19	155	5	1,816	5.41	3.52								

2019 West River LOL Harvest Distribution by Management Unit

Last Revised:
15-May-20

Unit	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
02A (NE Penn/SE Meade)	9	0	3	0	11	1	2	0	26	18	0	6	0	21	2	4	0	52	2.8%
02C (SE Pennington)	2	0	1	0	5	0	3	0	11	4	0	2	0	10	0	6	0	22	1.2%
11A (N Bennett)	2	0	0	0	1	0	0	0	3	4	0	0	0	2	0	0	0	6	0.3%
11B (S Bennett)	7	0	2	2	2	0	0	0	13	14	0	4	4	4	0	0	0	25	1.4%
15A (Butte)	26	2	16	2	11	0	6	0	63	51	4	33	4	21	0	13	0	126	7.0%
15B (SW Butte/Lawrence)	17	0	11	0	5	0	1	0	34	34	0	23	0	10	0	2	0	68	3.8%
20A (Corson)	5	0	5	1	14	0	2	1	28	10	0	10	2	27	0	4	2	55	3.0%
21A (E Custer/S Penn)	7	0	7	1	4	0	1	1	21	14	0	15	2	8	0	2	2	42	2.3%
21B (C Custer/C Penn)	6	0	3	0	0	0	0	0	9	12	0	6	0	0	0	0	0	18	1.0%
24A (Dewey)	6	0	1	0	10	0	4	0	21	12	0	2	0	19	0	8	0	42	2.3%
27A (NW FRiver/SW Cust)	1	0	2	2	2	0	0	0	7	2	0	4	4	4	0	0	0	14	0.7%
27B (Fall River)	3	0	4	0	10	0	1	0	18	6	0	8	0	19	0	2	0	36	2.0%
30A,B (Gregory)	72	8	40	5	7	0	2	0	134	142	17	83	9	14	0	4	0	269	14.8%
31A (Haakon)	29	0	7	0	17	0	12	0	65	57	0	15	0	33	0	25	0	130	7.2%
35A (W Harding)	3	0	5	0	4	0	0	0	12	6	0	10	0	8	0	0	0	24	1.3%
35C (E Harding)	0	0	0	0	5	1	0	0	6	0	0	0	0	10	2	0	0	12	0.7%
39A (N Jackson)	3	0	1	0	10	0	0	0	14	6	0	2	0	19	0	0	0	27	1.5%
39B (S Jackson)	7	0	0	0	8	0	4	0	19	14	0	0	0	15	0	8	0	38	2.1%
41A (Jones)	12	0	3	1	9	1	3	0	29	24	0	6	2	17	2	6	0	58	3.2%
45A (W Lyman)	10	0	5	1	5	0	2	0	23	20	0	10	2	10	0	4	0	46	2.5%
45B (E Lyman)	5	0	2	0	4	0	0	0	11	10	0	4	0	8	0	0	0	22	1.2%
45C (NE Lyman/SE Stanley)	1	0	0	0	2	0	0	0	3	2	0	0	0	4	0	0	0	6	0.3%
45D (Ft Pr Nat Grslnd)	8	0	1	0	2	0	1	0	12	16	0	2	0	4	0	2	0	24	1.3%
49A (W Meade)	14	0	5	1	14	1	5	0	40	28	0	10	2	27	2	10	0	80	4.4%
49B (NE Meade)	8	0	6	2	13	0	0	0	29	16	0	12	4	25	0	0	0	57	3.1%
50A,B (Mellette)	4	0	4	1	5	0	2	0	16	8	0	8	2	10	0	4	0	32	1.8%
53A (N Perkins)	12	0	1	0	12	2	2	0	29	24	0	2	0	23	4	4	0	57	3.2%
53C (S Perkins)	10	0	2	0	8	0	4	1	25	20	0	4	0	15	0	8	2	50	2.7%
58A (Stanley)	9	0	2	0	21	2	4	0	38	18	0	4	0	41	4	8	0	75	4.1%
60A (Tripp)	58	4	26	1	17	1	7	0	114	115	9	54	2	33	2	15	0	229	12.6%
64A (Ziebach)	6	0	2	0	10	0	5	0	23	12	0	4	0	19	0	10	0	46	2.5%
65A (Oglala Lakota)	1	0	0	0	2	0	1	0	4	2	0	0	0	4	0	2	0	8	0.4%
67A (Todd)	7	0	2	0	2	0	0	0	11	14	0	4	0	4	0	0	0	22	1.2%
Unknown	55	3	31	0	32	2	14	0	137										
TOTALS	425	17	200	20	284	11	88	3	1,048	732	30	352	35	487	19	155	5	1,816	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.

South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections
Corey Huxoll

2019 West River Special Buck Harvest Projections

Last Revised: 10-Mar-20	Licenses						Harvest Projections										Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted	
	Resident			Nonresident			Tags sold	Response Rate	Tag Success	Whitetail				Mule Deer						
	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold				Bucks		Does		Bucks		Does				
										Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult				Fawn
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Tags sold	Rate	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Rating	Hunted
WR-01	951	500	498	1,185	500	495	993	78%	77%	335	1	5	0	419	0	6	0	767	5.95	3.43

2019 West River Special Buck Harvest Distribution

Unit	Reported Harvest										Projected Harvest									
	Whitetail					Mule Deer					Whitetail					Mule Deer				
	Bucks		Does		Total	Bucks		Does		Total	Bucks		Does		Total	Bucks		Does		Total
	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	
02A (NE Penn/SE Meade)	2	0	0	0	17	0	1	0	0	20	3	0	0	0	29	0	2	0	0	34
02C (SE Pennington)	1	0	0	0	7	0	0	0	0	8	2	0	0	0	12	0	0	0	0	14
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11B (S Bennett)	3	0	0	0	4	0	0	0	0	7	5	0	0	0	7	0	0	0	0	12
15A (Butte)	7	0	0	0	14	0	0	0	0	21	12	0	0	0	24	0	0	0	0	35
15B (SW Butte/Lawrence)	8	0	0	0	3	0	0	0	0	11	13	0	0	0	5	0	0	0	0	18
20A (Corson)	7	0	0	0	11	0	0	0	0	18	12	0	0	0	19	0	0	0	0	30
21A (E Custer/S Penn)	7	0	0	0	6	0	0	0	0	13	12	0	0	0	10	0	0	0	0	22
21B (C Custer/C Penn)	4	0	0	0	0	0	0	0	0	4	7	0	0	0	0	0	0	0	0	7
24A (Dewey)	3	0	0	0	4	0	1	0	0	8	5	0	0	0	7	0	2	0	0	14
27A (NW FRiver/SW Cust)	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2	0	0	0	0	2
27B (Fall River)	4	0	0	0	4	0	0	0	0	8	7	0	0	0	7	0	0	0	0	13
30A,B (Gregory)	49	0	0	0	4	0	0	0	0	53	81	0	0	0	7	0	0	0	0	88
31A (Haakon)	7	0	0	0	19	0	0	0	0	26	12	0	0	0	32	0	0	0	0	44
35A (W Harding)	6	1	1	0	23	0	0	0	0	31	10	1	1	0	39	0	0	0	0	52
35C (E Harding)	2	0	1	0	10	0	0	0	0	13	3	0	1	0	17	0	0	0	0	22
39A (N Jackson)	4	0	0	0	5	0	0	0	0	9	7	0	0	0	8	0	0	0	0	15
39B (S Jackson)	2	0	0	0	5	0	0	0	0	7	3	0	0	0	8	0	0	0	0	12
41A (Jones)	12	0	0	0	9	0	0	0	0	21	20	0	0	0	15	0	0	0	0	35
45A (W Lyman)	4	0	0	0	8	0	0	0	0	12	7	0	0	0	14	0	0	0	0	20
45B (E Lyman)	8	0	0	0	2	0	0	0	0	10	13	0	0	0	3	0	0	0	0	17
45C (NE Lyman/SE Stanley)	5	0	0	0	0	0	0	0	0	5	8	0	0	0	0	0	0	0	0	8
45D (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49A (W Meade)	5	0	1	0	8	0	0	0	0	14	8	0	1	0	14	0	0	0	0	23
49B (NE Meade)	6	0	0	0	16	0	0	0	0	22	10	0	0	0	27	0	0	0	0	37
50A,B (Mellette)	9	0	0	0	9	0	0	0	0	18	15	0	0	0	15	0	0	0	0	30
53A (N Perkins)	7	0	1	0	6	0	0	0	0	14	12	0	1	0	10	0	0	0	0	23
53C (S Perkins)	2	0	0	0	13	0	0	0	0	15	3	0	0	0	22	0	0	0	0	25
58A (Stanley)	7	0	0	0	22	0	1	0	0	30	12	0	0	0	37	0	2	0	0	51
60A (Tripp)	16	0	0	0	8	0	0	0	0	24	26	0	0	0	14	0	0	0	0	40
64A (Ziebach)	5	0	0	0	9	0	0	0	0	14	8	0	0	0	15	0	0	0	0	24
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67A (Todd)	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2
Unknown	57	0	0	0	78	0	2	0	0	137										
TOTALS	260	1	4	0	325	0	5	0	0	595	335	1	5	0	419	0	6	0	0	767

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only!

EAST RIVER FIREARM DEER

There were 33,879 licenses issued for the 2019 East River Firearm Deer season (27,328 regular, 499 Special Buck and 6,052 Landowner Own Land Only) for a total of 40,429 tags.

The East River season was open 16 days from November 23 through December 8 in all units. The season was also open from December 14-22 for all unfilled antlerless deer tags.

A random sample of 13,323 hunters was taken from the regular East River season, 2,990 from the Landowner Own Land Only licenses, and all 499 Special Buck hunters. All hunters that listed an email address were surveyed using Survey123 Software prior to sending paper surveys. Responses were received from approximately 42% of regular season, 29% of Landowner Own Land, and 53% of Special Buck hunters that were surveyed by email. All hunters who did not respond or did not supply an email address were mailed paper surveys which could be responded to either online or through the mail. Final response rates were 69% for regular East River Deer, 60% for Landowner Own Land, and 73% for Special Buck. Of all responding hunters, 58% of regular East River, 46% of Landowner Own Land, and 68% of Special Buck hunters responded through the Internet.

Respondents reported hunting an average of 3.90 days per hunter for the regular season, 4.15 days for Landowner Own Land and 5.20 days for Special Buck, resulting in a projected total of 134,413 recreation days for the entire East River season. Hunters reported harvesting approximately 84% of their deer during the regular season and 16% from December 14-22.

The East River projected deer harvest was 12,976 for the regular season, 3,264 for Landowner Own Land, and 263 for the Special Buck season. Success rates were 43% for the regular season, 33% for Landowner Own Land, and 53% for Special Buck. Success for the regular East River season "any deer and any antlerless deer" and "any whitetail and antlerless whitetail" license 1st tags (any) was 38% and success for 2nd (antlerless only) tags was 26%. Success for "any antlerless deer and any antlerless deer" and "antlerless whitetail and antlerless whitetail" license 1st tags was 55% and success for 2nd tags was 37%.

The mean satisfaction score for those responding to the regular East River survey was 4.77, for the Landowner Own Land survey was 4.95, and for the Special Buck survey was 5.07 (1 = "very dissatisfied" and 7 = "very satisfied").

Summary comparison of the 2011-2019 East River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest				Total Harvest	Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
2011	45,589	75,512	1,950	4,461	14,970	502	19,401	513	35,386	44%	4.73	4.51
2012	37,865	58,693	1,419	2,813	13,522	383	14,153	337	28,394	46%	4.23	4.64
2013	37,137	56,030	1,366	2,715	10,733	278	10,592	256	21,858	37%	4.44	4.19
2014	31,037	37,835	912	1,326	12,213	376	6,673	86	19,347	49%	4.10	4.80
2015	32,287	40,420	836	1,276	13,060	369	7,331	104	20,866	50%	4.15	4.96
2016	31,048	44,311	759	1,595	10,659	359	7,972	117	19,107	42%	4.16	4.70
2017	31,501	39,556	830	1,313	11,636	312	6,446	96	18,489	45%	4.40	4.86
2018	31,791	39,926	718	1,143	11,329	348	6,616	95	18,388	45%	4.36	4.86
2019	33,353	39,891	526	538	10,015	280	6,142	66	16,503	41%	4.15	4.77

2019 East River Deer Antlerless Harvest by Date

	Total	Nov 23 - Dec 8	Dec 14-22
Reports	1,806	1,525	281
Percent of total		84%	16%
Projected	5,598	4,727	871

South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections

Corey Huxoll

2019 East River Deer Harvest Projections

Last Revised:

07-May-20

Unit	Licenses										Harvest Projections										Total Deer Harvested	Mean Satisf Rating	Average Days Hunted	
	Resident				Nonresident				Tags sold	Hunters	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer						
	Avail.		Sold		Avail.		Sold							Bucks		Does		Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						Adult	Fawn	Adult	Fawn	Adult	Fawn					
01A (Minnehaha)	650	653	leftovers	1	654	654	71%	39%	39%	126	11	117	0	0	0	3	0	257	+/-33	4.84	4.41			
03A (Brown)	2,000	2,000	leftovers	0	2,000	1,844	66%	42%	40%	397	40	364	7	0	0	0	0	806	+/-106	4.37	3.93			
04A (Beadle)	700	700	leftovers	0	700	700	65%	50%	50%	203	7	124	13	0	0	0	0	347	+/-39	5.05	4.14			
05A (Codington)	350	351	leftovers	0	351	350	72%	48%	48%	110	6	53	0	0	0	0	0	169	+/-19	4.71	4.65			
06A (Brookings)	550	553	leftovers	0	553	553	79%	42%	42%	149	9	60	12	0	0	0	0	230	+/-26	5.04	4.49			
07A (Yankton)	300	304	leftovers	0	304	304	74%	58%	57%	152	4	18	0	0	0	0	0	174	+/-15	5.20	5.30			
07B (Yankton SW)	75	75	leftovers	0	75	75	82%	54%	54%	0	5	34	1	0	0	0	0	41	+/-4	5.43	4.03			
08A (Davison)	200	200	leftovers	0	200	200	72%	41%	40%	73	2	6	0	0	0	0	0	81	+/-10	4.61	4.42			
10A (Aurora)	500	501	leftovers	0	501	501	62%	42%	42%	126	14	70	3	0	0	0	0	213	+/-29	4.73	4.14			
12A (Bon Homme)	250	250	leftovers	0	250	250	77%	51%	51%	102	2	21	0	3	0	0	0	128	+/-12	5.07	4.33			
12B (Bon Homme SE)	50	50	leftovers	0	50	50	69%	41%	41%	0	1	19	0	0	0	0	0	21	+/-5	5.17	2.88			
13A (Brule)	900	897	leftovers	0	1,693	897	64%	43%	27%	244	12	169	12	24	0	4	0	464	+/-85	4.32	3.74			
13L (Brule GPA/Corps)	20	20	leftovers	0	20	20	70%	71%	71%	7	0	0	0	7	0	0	0	14	+/-3	5.85	2.57			
13P (Brule Private)	100	95	leftovers	5	100	69	61%	48%	44%	0	8	35	2	0	0	0	0	44	+/-9	5.11	2.38			
14A (Buffalo)	350	347	leftovers	0	594	322	67%	47%	33%	108	6	56	6	10	0	6	0	193	+/-32	4.66	3.22			
16A (Campbell)	580	529	leftovers	54	583	510	70%	39%	38%	134	8	63	8	10	0	0	0	223	+/-30	4.71	3.53			
17A (Charles Mix)	400	399	leftovers	0	399	399	69%	48%	48%	116	2	58	2	13	0	0	0	192	+/-22	4.81	3.86			
18A (Clark)	700	701	leftovers	0	701	701	69%	48%	48%	239	9	68	19	3	0	0	0	338	+/-38	5.14	3.87			
19A (Clay)	300	302	leftovers	0	302	302	71%	47%	47%	75	6	59	2	0	0	0	0	141	+/-16	5.08	4.33			
22A (Day)	700	704	leftovers	0	704	704	70%	45%	44%	252	0	52	9	0	0	0	0	313	+/-37	4.79	4.31			
23A (Deuel)	500	500	leftovers	0	500	500	71%	43%	43%	150	10	54	0	0	0	0	0	213	+/-26	5.04	4.34			
25A (Douglas)	350	351	leftovers	0	351	334	75%	42%	43%	68	11	69	4	0	0	0	0	152	+/-17	4.38	4.15			
26A (Edmunds)	1,300	1,167	leftovers	132	1,299	1,048	67%	56%	52%	359	34	258	25	4	0	0	0	680	+/-71	4.76	3.86			
28A (Faulk)	1,200	1,102	leftovers	100	1,202	932	63%	50%	49%	221	53	262	49	0	0	0	0	585	+/-68	4.56	3.35			
29A (Grant)	300	300	leftovers	0	300	300	75%	56%	56%	126	4	39	0	0	0	0	0	169	+/-15	5.01	4.29			
32A (Hamlin)	700	700	leftovers	0	700	700	69%	41%	41%	169	15	89	12	3	0	0	0	289	+/-37	4.75	4.01			
33A (Hand)	570	572	leftovers	0	1,123	572	70%	56%	38%	176	27	208	19	0	0	0	0	430	+/-58	4.84	3.80			
33P (Hand Private)	300	266	leftovers	34	300	252	60%	51%	46%	0	15	116	6	0	0	0	0	137	+/-19	4.76	3.04			
34A (Hanson)	200	200	leftovers	0	200	200	72%	47%	47%	74	0	19	2	0	0	0	0	94	+/-10	4.91	4.31			
36A (Hughes)	425	424	leftovers	0	424	424	69%	46%	46%	138	0	23	0	35	0	0	0	196	+/-23	4.98	3.54			
36P (Hughes Private)	100	99	leftovers	1	100	82	66%	50%	44%	0	6	36	2	0	0	0	0	44	+/-8	4.71	3.31			
37A (Hutchinson)	150	150	leftovers	0	150	150	74%	53%	53%	71	1	7	0	0	0	0	0	79	+/-8	5.16	4.40			
38A (Hyde)	620	607	leftovers	12	1,218	603	61%	49%	34%	214	29	153	13	0	0	0	0	408	+/-68	4.49	2.87			
38P (Hyde Private)	100	66	leftovers	25	91	71	48%	35%	28%	0	2	19	4	0	0	0	0	25	+/-10	5.21	3.26			
40A (Jerauld)	600	567	leftovers	34	701	544	66%	46%	42%	162	8	115	8	0	0	0	0	294	+/-38	4.94	3.83			
42A (Kingsbury)	600	604	leftovers	0	604	604	73%	43%	43%	166	8	78	5	0	0	0	0	258	+/-31	4.75	3.99			
43A (Lake)	400	401	leftovers	0	401	401	75%	51%	50%	124	4	66	4	0	0	2	0	201	+/-20	4.90	4.88			
44A (Lincoln)	300	305	leftovers	0	305	305	66%	42%	42%	70	10	41	6	0	0	0	0	127	+/-17	4.82	5.27			
46A (McCook)	550	551	leftovers	0	551	551	72%	52%	51%	121	20	134	8	0	0	0	0	283	+/-28	4.88	4.38			
47A (McPherson)	1,000	981	leftovers	22	1,003	861	67%	55%	54%	232	43	246	18	0	0	0	0	539	+/-54	4.82	3.03			
48A (Marshall)	600	601	leftovers	0	601	601	71%	44%	44%	176	11	76	3	0	0	0	0	265	+/-31	5.00	3.67			
51A (Miner)	750	748	leftovers	0	748	748	70%	44%	44%	184	13	127	10	0	0	0	0	333	+/-39	4.79	3.87			
52A (Moody)	550	550	leftovers	0	550	550	69%	52%	52%	166	8	112	3	0	0	0	0	288	+/-30	4.94	4.95			
54A (Potter)	1,050	984	leftovers	60	1,545	913	69%	46%	37%	226	48	252	15	30	0	0	0	572	+/-80	4.39	3.30			
55A (Roberts)	600	601	leftovers	0	601	601	71%	55%	55%	204	11	101	16	0	0	0	0	332	+/-31	4.85	4.89			
56A (Sanborn)	550	550	leftovers	0	550	528	66%	40%	39%	119	13	84	0	0	0	0	0	216	+/-30	4.69	4.02			
57A (Spink)	1,300	1,299	leftovers	0	1,299	1,219	62%	42%	42%	345	15	159	21	0	0	5	0	545	+/-73	4.80	3.30			
59A (W Sully)	350	350	leftovers	0	350	350	73%	47%	47%	116	4	10	0	36	0	0	0	166	+/-18	4.47	3.44			
59B (E Sully)	370	369	leftovers	0	369	357	71%	33%	32%	93	4	19	4	0	0	0	0	120	+/-18	4.43	3.32			
61A (Turner)	100	100	leftovers	0	100	100	74%	45%	45%	34	0	11	0	0	0	0	0	45	+/-6	4.98	4.44			
62A (Union)	400	400	leftovers	0	400	400	74%	50%	49%	135	2	54	4	0	0	0	0	195	+/-20	5.01	4.47			
63A (Walworth)	750	706	leftovers	46	752	659	66%	42%	41%	139	18	123	15	12	0	0	0	308	+/-41	4.95	3.20			
Totals	27,310	26,802	leftovers	526	30,122	25,865	68.9%	46%	43%	7,187	601	4,607	370	191	0	20	0	12,976	+/-1,615	4.77	3.90			
The response rate for all units combined was:				69%																				

South Dakota Game Report No 2020-04 - 2019 Big Game Harvest Projections
Corey Huxoll

2019 East River Deer Harvest Projections

Last Revised: 08-May-20																
Unit/Type	Licenses						Harvest Projections									
	Resident			Nonresident			Whitetail				Mule Deer				Total	
	Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	Success	Bucks		Does		Bucks		Does		Deer	Harvest
						1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	
01A-01	792	450	453	leftovers	1	35%		126	0	34	0	0	0	0	0	159
01A-03	64	200	200	leftovers	0	49%		0	11	83	0	0	0	3	0	98
03A-01	1,678	1,000	1,000	leftovers	0	45%		397	5	73	0	0	0	0	0	451
03A-03	71	1,000	1,000	leftovers	0	36%		0	35	290	7	0	0	0	0	355
04A-11	960	500	500	leftovers	0	49%		203	0	42	3	0	0	0	0	243
04A-13	38	200	200	leftovers	0	52%		0	7	82	10	0	0	0	0	103
05A-01	603	250	252	leftovers	0	52%		110	0	22	0	0	0	0	0	131
05A-03	25	100	99	leftovers	0	38%		0	6	31	0	0	0	0	0	38
06A-01	854	450	453	leftovers	0	42%		149	7	31	2	0	0	0	0	189
06A-03	70	100	100	leftovers	0	41%		0	2	29	10	0	0	0	0	41
07A-01	592	300	304	leftovers	0	57%		152	4	18	0	0	0	0	0	174
07B-03	26	75	75	leftovers	0	54%		0	5	34	0	0	0	0	0	41
08A-11	317	200	200	leftovers	0	40%		73	2	6	0	0	0	0	0	81
10A-11	557	300	301	leftovers	0	48%		126	8	17	0	0	0	0	0	145
10A-13	22	200	200	leftovers	0	34%		0	6	53	3	0	0	0	0	68
12A-01	377	250	250	leftovers	0	51%		102	2	21	0	3	0	0	0	128
12B-03	36	50	50	leftovers	0	41%		0	1	19	0	0	0	0	0	21
13A-01	321	100	101	leftovers	0	50%		22	0	6	0	24	0	4	0	50
13A-18	376	800	796	leftovers	0	31%	21%	222	12	163	12	0	0	0	0	414
13L-01	63	20	20	leftovers	0	71%		7	0	0	0	7	0	0	0	14
13P-13	2	100	95	leftovers	5	44%		0	8	35	2	0	0	0	0	44
14A-01	88	100	100	leftovers	0	53%		34	2	2	0	10	0	6	0	53
14A-18	51	250	247	leftovers	0	35%	28%	74	4	54	6	0	0	0	0	140
16A-01	79	30	31	leftovers	0	55%		6	0	0	0	10	0	0	0	17
16A-11	395	400	399	leftovers	0	40%		129	3	21	5	0	0	0	0	159
16A-13	5	150	99	leftovers	54	31%		0	5	42	2	0	0	0	0	48
17A-01	432	100	100	leftovers	0	63%		41	0	9	0	13	0	0	0	63
17A-11	406	200	198	leftovers	0	42%		75	0	7	0	0	0	0	0	83
17A-13	19	100	101	leftovers	0	45%		0	2	42	2	0	0	0	0	45
18A-01	917	600	601	leftovers	0	50%		239	6	44	9	3	0	0	0	299
18A-03	23	100	100	leftovers	0	39%		0	3	24	10	0	0	0	0	39
19A-01	353	200	202	leftovers	0	50%		75	2	26	0	0	0	0	0	101
19A-03	17	100	100	leftovers	0	40%		0	4	33	2	0	0	0	0	40
22A-01	1,039	600	605	leftovers	0	46%		252	0	28	0	0	0	0	0	276
22A-03	25	100	99	leftovers	0	37%		0	0	24	9	0	0	0	0	37
23A-01	654	400	400	leftovers	0	43%		150	0	26	0	0	0	0	0	173
23A-03	15	100	100	leftovers	0	41%		0	10	28	0	0	0	0	0	41
25A-11	236	250	250	leftovers	0	39%		68	2	30	2	0	0	0	0	98
25A-13	3	100	101	leftovers	0	54%		0	10	39	2	0	0	0	0	54
26A-01	777	700	701	leftovers	0	57%		359	3	52	0	4	0	0	0	396
26A-03	31	600	466	leftovers	132	47%		0	31	205	25	0	0	0	0	284
28A-01	727	600	599	leftovers	0	46%		221	13	60	5	0	0	0	0	274
28A-03	8	600	503	leftovers	100	52%		0	40	202	44	0	0	0	0	311
29A-01	654	300	300	leftovers	0	56%		126	4	39	0	0	0	0	0	169
32A-01	697	600	600	leftovers	0	42%		169	9	58	12	3	0	0	0	251
32A-03	16	100	100	leftovers	0	38%		0	6	31	0	0	0	0	0	38
33A-01	123	20	21	leftovers	0	74%		11	0	5	0	0	0	0	0	16
33A-18	707	450	450	leftovers	0	40%	26%	166	7	109	13	0	0	0	0	292
33A-19	8	100	101	leftovers	0	71%	53%	0	19	95	6	0	0	0	0	123
33P-13	5	300	266	leftovers	34	46%		0	15	116	6	0	0	0	0	137
34A-11	355	200	200	leftovers	0	47%		74	0	19	2	0	0	0	0	94
36A-01	342	175	175	leftovers	0	47%		41	0	7	0	35	0	0	0	82
36A-11	247	250	249	leftovers	0	46%		97	0	16	0	0	0	0	0	114
36P-13	7	100	99	leftovers	1	44%		0	6	36	2	0	0	0	0	44
37A-11	366	150	150	leftovers	0	53%		71	1	7	0	0	0	0	0	79
38A-01	54	20	20	leftovers	0	22%		4	0	0	0	0	0	0	0	4
38A-18	354	500	499	leftovers	0	45%	26%	209	19	109	13	0	0	0	0	351
38A-19	8	100	88	leftovers	12	36%	18%	0	9	44	0	0	0	0	0	53
38P-13	0	100	66	leftovers	25	28%		0	2	19	4	0	0	0	0	25
40A-11	302	250	250	leftovers	0	61%		162	0	6	0	0	0	0	0	152
40A-13	15	250	217	leftovers	34	57%		0	8	109	8	0	0	0	0	142
40A-18	154	100	100	leftovers	0	47%	29%	35	2	21	0	0	0	0	0	59
42A-01	873	500	504	leftovers	0	35%		131	4	37	5	0	0	0	0	176
42A-03	52	100	100	leftovers	0	23%		0	2	20	0	0	0	0	0	23
43A-01	660	300	301	leftovers	0	50%		124	2	24	0	0	0	2	0	150
43A-03	38	100	100	leftovers	0	50%		0	2	42	4	0	0	0	0	50
44A-01	442	200	205	leftovers	0	44%		70	6	16	0	0	0	0	0	90
44A-03	54	100	100	leftovers	0	37%		0	4	25	6	0	0	0	0	37
46A-01	633	350	351	leftovers	0	47%		121	3	35	0	0	0	0	0	165
46A-03	42	200	200	leftovers	0	59%		0	17	99	8	0	0	0	0	118
47A-01	807	500	501	leftovers	0	53%		232	0	24	2	0	0	0	0	264
47A-03	29	500	480	leftovers	22	55%		0	43	222	16	0	0	0	0	275
48A-01	758	500	501	leftovers	0	45%		176	5	41	3	0	0	0	0	224
48A-03	14	100	100	leftovers	0	41%		0	6	34	0	0	0	0	0	41

(Continued next page)

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Corey Huxoll

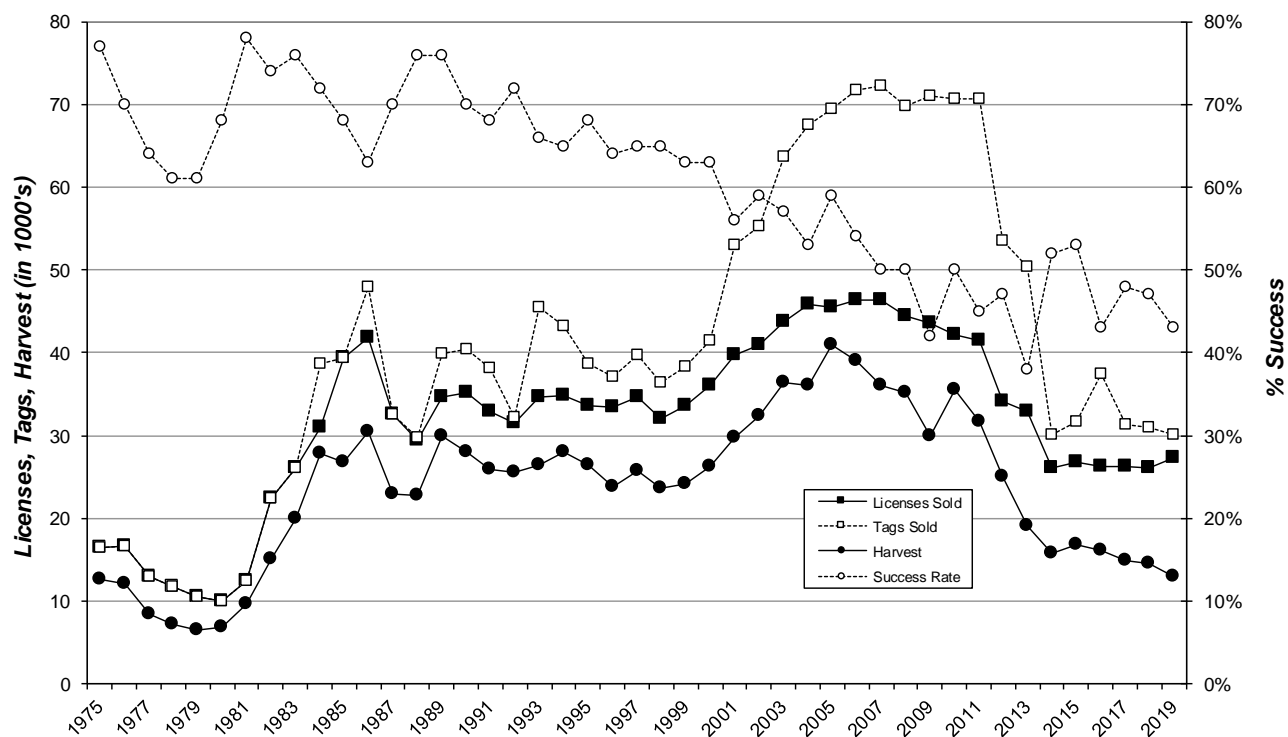
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Last Revised: 08-May-20		Licenses						Harvest Projections										Total Deer Harvest
		Resident			Nonresident			Whitetail				Mule Deer						
		Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	Success 1st tag	2nd tag	Bucks		Does		Bucks		Does			
									Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
Unit/Type																		
51A-01	605	400	399	leftovers	0	49%		184	0	17	2	0	0	0	0	194		
51A-03	41	350	349	leftovers	0	40%		0	13	109	7	0	0	0	0	139		
52A-01	544	350	350	leftovers	0	54%		166	0	33	1	0	0	0	0	189		
52A-03	41	200	200	leftovers	0	50%		0	8	79	2	0	0	0	0	99		
54A-01	250	150	150	leftovers	0	50%		50	0	0	0	30	0	0	0	75		
54A-13	12	400	333	leftovers	60	37%		0	35	102	4	0	0	0	0	147		
54A-18	510	500	501	leftovers	0	38%	31%	176	13	150	11	0	0	0	0	349		
55A-01	849	500	501	leftovers	0	55%		204	2	66	6	0	0	0	0	274		
55A-03	24	100	100	leftovers	0	58%		0	9	34	10	0	0	0	0	58		
56A-11	432	350	350	leftovers	0	39%		119	2	23	0	0	0	0	0	138		
56A-13	31	200	200	leftovers	0	39%		0	11	60	0	0	0	0	0	77		
57A-01	1,071	900	900	leftovers	0	39%		345	10	23	0	0	0	5	0	353		
57A-03	22	400	399	leftovers	0	48%		0	6	137	21	0	0	0	0	192		
59A-01	448	100	100	leftovers	0	60%		21	0	2	0	36	0	0	0	60		
59A-11	204	250	250	leftovers	0	42%		95	4	8	0	0	0	0	0	106		
59B-01	45	20	20	leftovers	0	0%		0	0	0	0	0	0	0	0	0		
59B-11	211	300	299	leftovers	0	37%		93	2	14	2	0	0	0	0	110		
59B-13	1	50	50	leftovers	0	20%		0	2	5	2	0	0	0	0	10		
61A-01	402	100	100	leftovers	0	45%		34	0	11	0	0	0	0	0	45		
62A-01	501	300	300	leftovers	0	49%		135	2	12	0	0	0	0	0	148		
62A-03	28	100	100	leftovers	0	47%		0	0	42	4	0	0	0	0	47		
63A-01	160	50	52	leftovers	0	61%		17	0	0	0	12	0	0	0	32		
63A-11	394	400	400	leftovers	0	39%		122	0	34	6	0	0	0	0	157		
63A-13	10	300	254	leftovers	46	40%		0	18	89	10	0	0	0	0	119		
Totals	29,796	27,310	26,802	leftovers	526	1st tag	2nd tag	7,187	601	4,607	370	191	0	20	0	12,976		
						Type 08/18=	38%	26%										
						Type 09/19=	55%	37%										
* Number of 1st drawing applicants with that season as 1st choice.																		

* Number of 1st drawing applicants with that season as 1st choice.

East River Deer Regular Season 1975-2019

(does not include Special Buck or Landowner Own Land)



2019 East River Landowner Own Land Harvest Projections

Last Revised: 15-May-20

Last Revised: 15-May-20							Harvest Projections										
Unit	Licenses		Tags sold	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Avail.	Sold					Bucks		Does		Bucks		Does				
							Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
ER1-01	Unitd	2,296	2,296	65%	35%	35%	640	10	114	10	29	0	3	0	804	4.95	4.11
ER1-08	Unitd	3,756	7,512	57%	50%	33%	1,293	53	998	35	32	7	42	0	2,459	4.95	4.18
Totals		6,052	9,808	60.0%	44%	33%	1,933	62	1,112	45	60	7	45	0	3,264	4.95	4.15

2019 East River LOL Harvest Distribution by Management Unit

Last Revised:
15-May-20

Unit	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does		Estimate	%
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
01A (Minnehaha)	11	0	13	0	0	0	1	0	25	41	0	51	0	0	0	3	0	95	2.9%
03A (Brown)	21	0	11	0	0	0	0	0	32	78	0	43	0	0	0	0	0	121	3.7%
04A (Beadle)	32	1	11	1	0	0	1	0	46	119	4	43	4	0	0	3	0	173	5.3%
05A (Codington)	17	0	11	0	0	0	0	0	28	63	0	43	0	0	0	0	0	106	3.2%
06A (Brookings)	10	1	5	0	0	0	0	0	16	37	4	19	0	0	0	0	0	60	1.8%
07A (Yankton)	14	0	12	1	0	0	0	0	27	52	0	47	4	0	0	0	0	103	3.1%
08A (Davison)	16	0	1	0	0	0	0	0	17	59	0	4	0	0	0	0	0	63	1.9%
10A (Aurora)	15	1	9	1	0	0	0	0	26	56	4	35	4	0	0	0	0	98	3.0%
12A (Bon Homme)	12	0	7	0	0	0	0	0	19	45	0	27	0	0	0	0	0	72	2.2%
13A (Brule)	13	1	10	1	1	0	2	0	28	48	4	39	4	4	0	7	0	105	3.2%
14A (Buffalo)	3	0	2	0	0	0	0	0	5	11	0	8	0	0	0	0	0	19	0.6%
16A (Campbell)	3	0	3	0	2	0	5	0	13	11	0	12	0	7	0	17	0	47	1.4%
17A (Charles Mix)	30	2	6	0	5	1	0	0	44	112	7	23	0	18	4	0	0	163	5.0%
18A (Clark)	18	0	13	1	0	0	0	0	32	67	0	51	4	0	0	0	0	121	3.7%
19A (Clay)	5	0	8	0	0	0	0	0	13	19	0	31	0	0	0	0	0	50	1.5%
22A (Day)	14	0	10	0	0	0	0	0	24	52	0	39	0	0	0	0	0	91	2.8%
23A (Deuel)	1	0	1	0	0	0	0	0	2	4	0	4	0	0	0	0	0	8	0.2%
25A (Douglas)	13	0	4	0	0	0	0	0	17	48	0	16	0	0	0	0	0	64	2.0%
26A (Edmunds)	6	0	3	0	0	0	0	0	9	22	0	12	0	0	0	0	0	34	1.0%
28A (Faulk)	4	0	8	0	0	0	0	0	12	15	0	31	0	0	0	0	0	46	1.4%
29A (Grant)	18	1	13	0	0	0	0	0	32	67	4	51	0	0	0	0	0	121	3.7%
32A (Hamlin)	7	0	6	0	0	0	0	0	13	26	0	23	0	0	0	0	0	49	1.5%
33A (Hand)	21	0	7	0	0	0	0	0	28	78	0	27	0	0	0	0	0	105	3.2%
34A (Hanson)	15	2	9	0	0	0	0	0	26	56	7	35	0	0	0	0	0	98	3.0%
36A (Hughes)	6	0	3	0	2	0	0	0	11	22	0	12	0	7	0	0	0	41	1.3%
37A (Hutchinson)	27	0	6	1	0	0	0	0	34	100	0	23	4	0	0	0	0	128	3.9%
38A (Hyde)	1	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	4	0.1%
40A (Jerauld)	4	0	5	0	1	0	0	0	10	15	0	19	0	4	0	0	0	38	1.2%
42A (Kingsbury)	9	0	3	2	0	0	0	0	14	33	0	12	8	0	0	0	0	53	1.6%
43A (Lake)	10	1	3	0	0	0	1	0	15	37	4	12	0	0	0	3	0	56	1.7%
44A (Lincoln)	3	1	3	0	0	0	0	0	7	11	4	12	0	0	0	0	0	26	0.8%
46A (McCook)	15	0	9	2	0	0	0	0	26	56	0	35	8	0	0	0	0	99	3.0%
47A (McPherson)	3	0	4	0	0	0	0	0	7	11	0	16	0	0	0	0	0	27	0.8%
48A (Marshall)	5	1	8	0	0	0	0	0	14	19	4	31	0	0	0	0	0	53	1.6%
51A (Miner)	10	0	11	0	0	0	0	0	21	37	0	43	0	0	0	0	0	80	2.4%
52A (Moody)	10	0	3	0	0	0	0	0	13	37	0	12	0	0	0	0	0	49	1.5%
54A (Potter)	8	0	5	0	1	0	0	0	14	30	0	19	0	4	0	0	0	53	1.6%
55A (Roberts)	23	0	11	1	0	0	0	0	35	85	0	43	4	0	0	0	0	132	4.1%
56A (Sanborn)	20	1	6	0	0	0	0	0	27	74	4	23	0	0	0	0	0	101	3.1%
57A (Spink)	17	1	9	0	0	0	0	0	27	63	4	35	0	0	0	0	0	102	3.1%
59A (W Sully)	3	0	0	0	3	1	3	0	10	11	0	0	0	11	4	10	0	36	1.1%
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
61A (Turner)	15	2	11	0	0	0	0	0	28	56	7	43	0	0	0	0	0	106	3.2%
62A (Union)	3	0	0	0	0	0	0	0	3	11	0	0	0	0	0	0	0	11	0.3%
63A (Walworth)	9	1	3	0	2	0	0	0	15	33	4	12	0	7	0	0	0	56	1.7%
Unknown	50	1	34	2	1	0	0	0	88										
TOTALS	570	18	320	13	18	2	13	0	954	1,933	62	1,112	45	60	7	45	0	3,264	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.

2019 East River Special Buck Harvest Projections

Last Revised:

10-Mar-20

Last Revised: 10-Mar-20						Harvest Projections								Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
Unit/Type	Appl. 1st Choice *	Resident Licenses		Response Rate	Tag Success	Whitetail				Mule Deer						
		Avail.	Sold			Bucks		Does		Bucks		Does				
ER-01	1,110	500	499	73%	53%	232	1	8	0	22	0	0	0	263	5.07	5.20

ER-01	1,110	500	499	73%	53%	232	1	8	0	22	0	0	0	263	5.07	5.20
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2019 East River Special Buck Harvest Distribution

Last Revised:

10-Mar-20

Unit	Reported Harvest										Projected Harvest									
	Whitetail					Mule Deer					Whitetail					Mule Deer				
	Bucks		Does		Total	Bucks		Does		Total	Bucks		Does		Total	Bucks		Does		Total
	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	

01A (Minnehaha)	10	0	0	0	0	0	0	0	0	10	16	0	0	0	0	0	0	0	0	16
03A (Brown)	7	0	0	0	0	0	0	0	0	7	11	0	0	0	0	0	0	0	0	11
04A (Beadle)	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2
05A (Codington)	10	0	0	0	0	0	0	0	0	10	16	0	0	0	0	0	0	0	0	16
06A (Brookings)	3	0	1	0	0	0	0	0	0	4	5	0	1	0	0	0	0	0	0	6
07A (Yankton)	8	0	1	0	0	0	0	0	0	9	13	0	1	0	0	0	0	0	0	14
08A (Davison)	3	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	5
10A (Aurora)	3	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	5
12A (Bon Homme)	6	0	0	0	0	0	0	0	0	6	10	0	0	0	0	0	0	0	0	10
13A (Brule)	1	0	0	0	0	1	0	0	0	2	2	0	0	0	0	2	0	0	0	3
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16A (Campbell)	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	3	0	0	0	3
17A (Charles Mix)	5	1	0	0	5	0	0	0	0	11	8	1	0	0	8	0	0	0	0	17
18A (Clark)	7	0	0	0	0	0	0	0	0	7	11	0	0	0	0	0	0	0	0	11
19A (Clay)	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2
22A (Day)	4	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	6
23A (Deuel)	3	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	5
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26A (Edmunds)	2	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	3
28A (Faulk)	2	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	3
29A (Grant)	4	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	6
32A (Hamlin)	3	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	5
33A (Hand)	11	0	1	0	0	0	0	0	0	12	17	0	1	0	0	0	0	0	0	19
34A (Hanson)	2	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	3
36A (Hughes)	4	0	0	0	0	3	0	0	0	7	6	0	0	0	5	0	0	0	0	11
37A (Hutchinson)	4	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	6
38A (Hyde)	3	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	5
40A (Jerauld)	1	0	0	0	0	1	0	0	0	2	2	0	0	0	2	0	0	0	0	3
42A (Kingsbury)	6	0	1	0	0	0	0	0	0	7	10	0	1	0	0	0	0	0	0	11
43A (Lake)	1	0	1	0	0	0	0	0	0	2	2	0	1	0	0	0	0	0	0	3
44A (Lincoln)	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2
46A (McCook)	2	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	3
47A (McPherson)	4	0	1	0	0	0	0	0	0	5	6	0	1	0	0	0	0	0	0	8
48A (Marshall)	2	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	3
51A (Miner)	2	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	3
52A (Moody)	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2
54A (Potter)	5	0	0	0	0	0	0	0	0	5	8	0	0	0	0	0	0	0	0	8
55A (Roberts)	2	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	3
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57A (Spink)	3	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	5
59A (W Sully)	2	0	0	0	0	2	0	0	0	4	3	0	0	0	3	0	0	0	0	6
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61A (Turner)	3	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	5
62A (Union)	3	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	5
63A (Walworth)	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	2
Unknown	23	0	0	0	0	2	0	0	0	25										
TOTALS	169	1	6	0	16	0	0	0	0	192	232	1	8	0	22	0	0	0	0	263

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

NATIONAL WILDLIFE REFUGE DEER

There were 158 licenses issued for the 2019 Wildlife Refuge Deer seasons, which included 115 at Sand Lake (105 residents and 10 nonresidents); 21 at Lacreek (19 residents and 2 nonresidents); and 22 at Waubay (20 residents and 2 nonresidents).

All license-holders were surveyed for each season and response rates for Sand Lake, Lacreek, and Waubay refuges were 77%, 67%, and 91%, respectively. Approximately 75% of survey responses came through the Internet.

The seasons had different opening dates at each refuge. The average days hunted were 2.54 at Sand Lake, 2.79 at Lacreek and 2.93 at Waubay.

The projected harvest for Sand Lake was 27 whitetail bucks and 10 whitetail does, for Lacreek was 9 whitetail bucks, and for Waubay was 6 whitetail bucks and 3 whitetail does. The projected success rate for Sand Lake was 32%, for Lacreek was 41%, and for Waubay was 40%.

Harvest summaries for 2010-2019 National Wildlife Refuge Deer Seasons

Sand Lake National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2010	272	64	63	23%	2.86
2011	220	33	59	21%	3.30
2012	128	35	11	36%	2.54
2013	132	42	22	48%	2.48
2014	133	50	5	42%	2.34
2015	165	52	10	37%	2.89
2016	163	33	16	30%	2.60
2017	165	36	15	31%	2.72
2018	164	46	15	38%	2.66
2019	115	27	10	32%	2.54

Lacreek National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2010	46	16	10	57%	2.46
2011	45	16	9	45%	2.93
2012	48	14	19	47%	2.38
2013	48	11	4	22%	1.97
2014	34	8	0	24%	3.10
2015	34	12	0	35%	2.71
2016	23	7	1	34%	2.50
2017	29	11	1	41%	2.73
2018	29	7	0	23%	2.00
2019	21	9	0	41%	2.79

Waubay National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2010	66	17	8	37%	2.22
2011	64	9	7	25%	3.82
2012	51	17	2	38%	1.76
2013	51	15	1	31%	1.71
2014	33	8	2	32%	1.54
2015	33	8	0	24%	2.10
2016	33	8	1	29%	2.29
2017	21	10	3	61%	2.22
2018	22	10	3	56%	2.94
2019	22	6	3	40%	2.93

2019 Sand Lake Refuge Deer Harvest Projections

Last Revised:

18-Mar-20

Last Revised: 18-Mar-20

Unit/Type	Licenses						Response Rate	Tag Success	Harvest Projections				Total Deer Harvester	Mean Satisf Score	Avg Days Hunted
	Resident			Nonresident					Whitetail						
	Appl. 1st			Appl. 1st					Bucks		Does				
	Choice *	Available	Sold	Choice *	Available	Sold			Adult	Fawn	Adult	Fawn			
SL1-01	85	20	20	16	2	2	86%	26%	6	0	0	0	6	3.28	2.79
SL2-01	132	20	20	31	2	2	73%	63%	11	0	1	1	14	4.13	3.13
SL3-01	37	20	20	16	2	2	82%	44%	9	0	1	0	10	4.53	4.00
SL4-03	7	25	25	0	2	2	70%	11%	0	0	3	0	3	3.90	1.00
SL5-01	41	20	20	10	2	2	77%	24%	1	0	4	0	5	3.79	2.12
Licenses	302	105	105	73	10	10	77.4%	32%	27	0	9	1	37	3.92	2.54

2019 Waubay Refuge Deer Harvest Projections

Unit/Type	Licenses							Harvest Projections							
	Resident			Nonresident			Response Rate	Tag Success	Whitetail				Total Deer Harvester	Mean Satisf Score	Avg Days Hunted
	Appl. 1st			Appl. 1st					Bucks		Does				
	Choice *	Available	Sold	Choice *	Available	Sold			Adult	Fawn	Adult	Fawn			
WA1-01	51	10	10	7	1	1	100%	36%	2	0	1	1	4	4.20	3.64
WA3-01	6	10	10	3	1	1	82%	44%	4	0	1	0	5	4.86	2.22
Licenses	57	20	20	10	2	2	90.9%	40%	6	0	2	1	9	4.53	2.93

All units require the use of muzzleloader firearms.

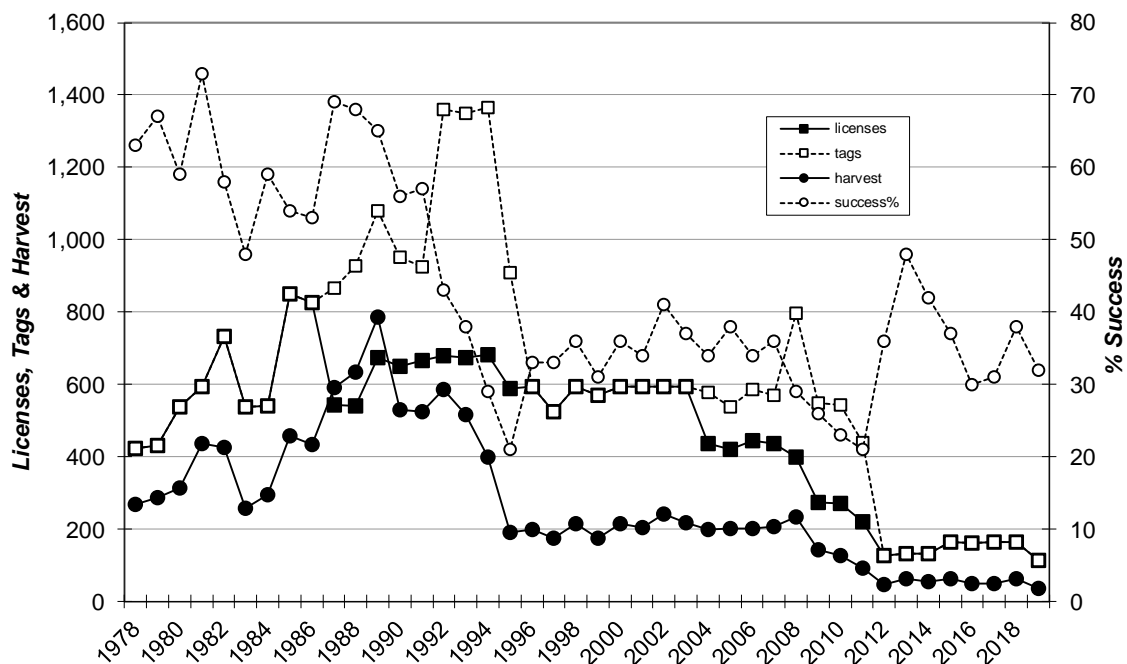
2019 Lacreek Refuge Deer Harvest Projections

Unit/Type	Licenses							Response	Tag	Harvest Projections										Total Deer	Mean Satisf	Avg Days
	Resident			Nonresident						Whitetail				Mule Deer								
	Appl. 1st			Appl. 1st						Bucks		Does		Bucks		Does						
	Choice *	Available	Sold	Choice *	Available	Sold	Adult			Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						
	Choice *	Available	Sold	Choice *	Available	Sold	Rate			Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvested	Score	Hunted			
LC1-01	83	10	10	6	1	1	55%	33%	4	0	0	0	0	0	0	0	4	4.00	3.17			
LC2-01	114	10	9	28	1	1	80%	50%	5	0	0	0	0	0	0	0	5	5.71	2.38			
Licenses	197	20	19	34	2	2	66.7%	41%	9	0	0	0	0	0	0	0	9	4.82	2.79			

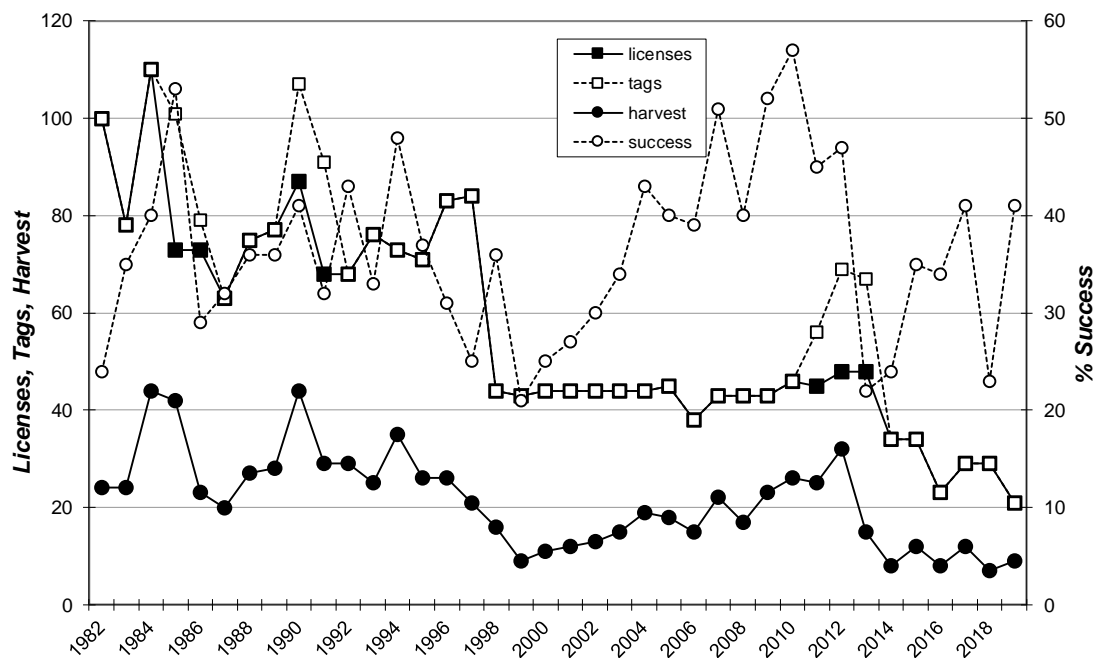
Response rate for all units combined was: 77.8%

* Number of 1st drawing applicants with that season as 1st choice.

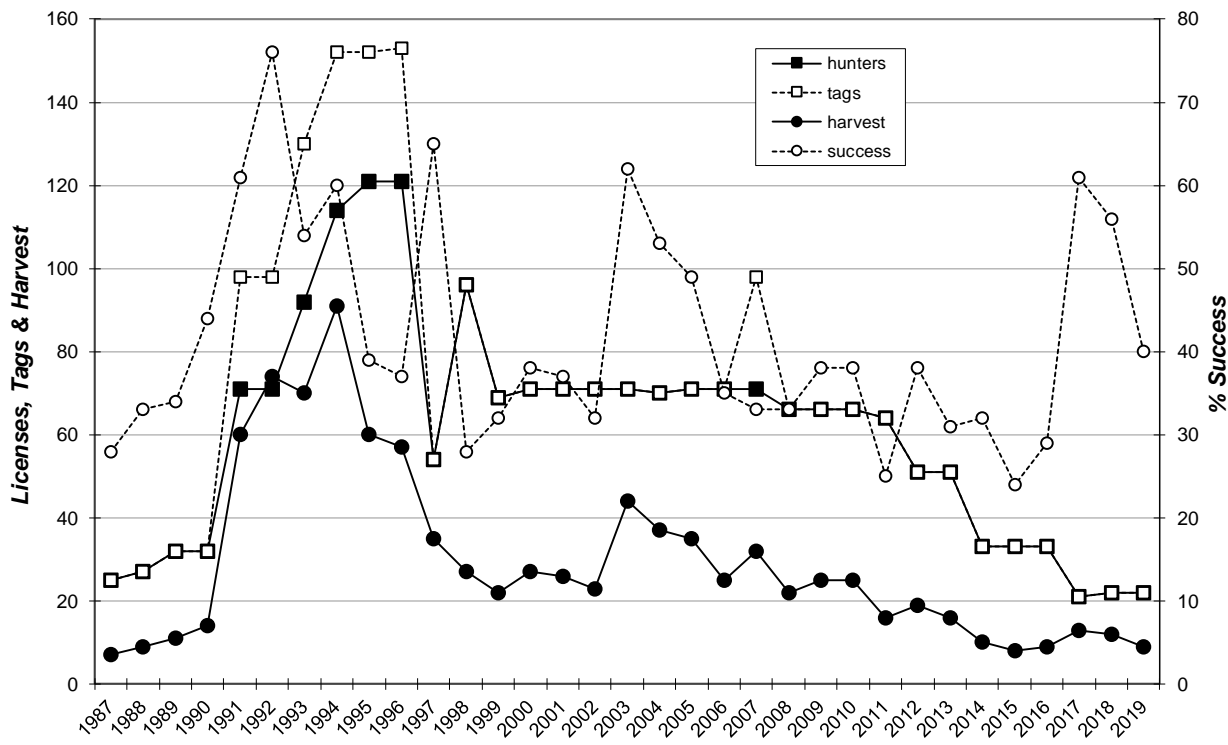
Sand Lake National Wildlife Refuge 1978-2019



Lacreek National Wildlife Refuge 1982-2019



Waubay National Wildlife Refuge 1987-2019



BLACK HILLS DEER

There were 5,184 single-tag licenses issued for the 2019 Black Hills Deer season (4,809 resident, 375 nonresident), and 16 single-tag and 13 double-tag licenses issued for the Landowner Own Land Black Hills season.

A random sample of 2,409 hunters was taken (46% of license holders) for the regular season and there were 1,756 responses for a 73% return rate. Approximately 71% of responses were received through the Internet. All 29 Landowner Own Land hunters were surveyed and 22 responded for a 76% return rate.

The season ran the month of November, a total of 30 days. Those responding reported hunting an average of 4.09 days, which projected to 21,321 recreation days for the season. The mean satisfaction score for all combined units was 5.50 on a scale ranging from 1 = "very dissatisfied" to 7 = "very satisfied".

The harvest projection for the Black Hills Deer season was 3,161 deer (2,183 adult whitetail bucks, 75 fawn whitetail bucks, 780 adult whitetail does, 67 fawn whitetail does, and 57 adult mule deer bucks. The overall season harvest success rate was 60%.

Including the estimated Black Hills harvest of 1,657 deer from the Archery, Apprentice, Mentored Youth, and Muzzleloader seasons, approximately 4,818 deer were harvested in the Black Hills proper.

Harvest summaries for the 2011-2019 Black Hills Deer seasons (including Landowner Own Land)

YEAR	Licenses Sold		Bucks		Harvest Does		Total	Success	Avg Days Hunted	Avg Satis
	Resident	Nonres	WT	Mule	WT	Mule				
2011	4,137	329	2,011	107	401	10	2,530	57%	4.78	4.89
2012	3,337	243	2,008	88	289	6	2,391	67%	4.23	5.22
2013	3,330	261	1,912	62	318	2	2,294	64%	4.68	5.27
2014	3,242	252	2,076	59	275	0	2,410	69%	4.82	5.48
2015	3,741	294	2,533	74	307	2	2,917	72%	4.61	5.75
2016	4,120	325	2,604	86	505	2	3,198	72%	4.38	5.76
2017	4,319	343	2,616	79	630	0	3,325	71%	4.39	5.76
2018	4,366	344	2,260	86	643	12	3,001	64%	4.54	5.52
2019	4,838	375	2,258	57	847	0	3,161	60%	4.09	5.50

2019 Black Hills Deer Harvest Projections

Last Revised: 16-Mar-20

Last Revised: 10-MAY-20

Unit/Type	Licenses								Harvest Projections										Total Deer	Mean Satisfctn Score	Avg Days Hunted
	Resident				Nonresident				Whitetail				Mule Deer								
	Appl. 1st				Appl. 1st				Bucks		Does		Bucks		Does						
	Choice *	Avail.	Sold	Resp.	Choice *	Avail.	Sold	Resp.	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
BH1-01	3,577	200	220		555	16	16	76%	56%	69	0	8	0	57	0	0	0	133	+/-8	5.32	4.83
BH1-11	9,449	3,500	3,492		1,008	280	271	74%	63%	2,106	20	204	31	0	0	0	0	2,361	+/-118	5.48	4.45
BD1-13	350	1,000	997		47	80	80	70%	54%	0	47	505	33	0	0	0	0	586	+/-21	5.56	2.83
BD2-13	78	100	100		17	8	8	83%	64%	0	7	58	4	0	0	0	0	69	+/-5	5.77	2.78
Totals	13,454	4,800	4,809		1,627	384	375	72.9%	61%	2,174	75	776	67	57	0	0	0	3,149	+/-152	5.50	4.09

The response rate for all units combined is: 72.9%

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

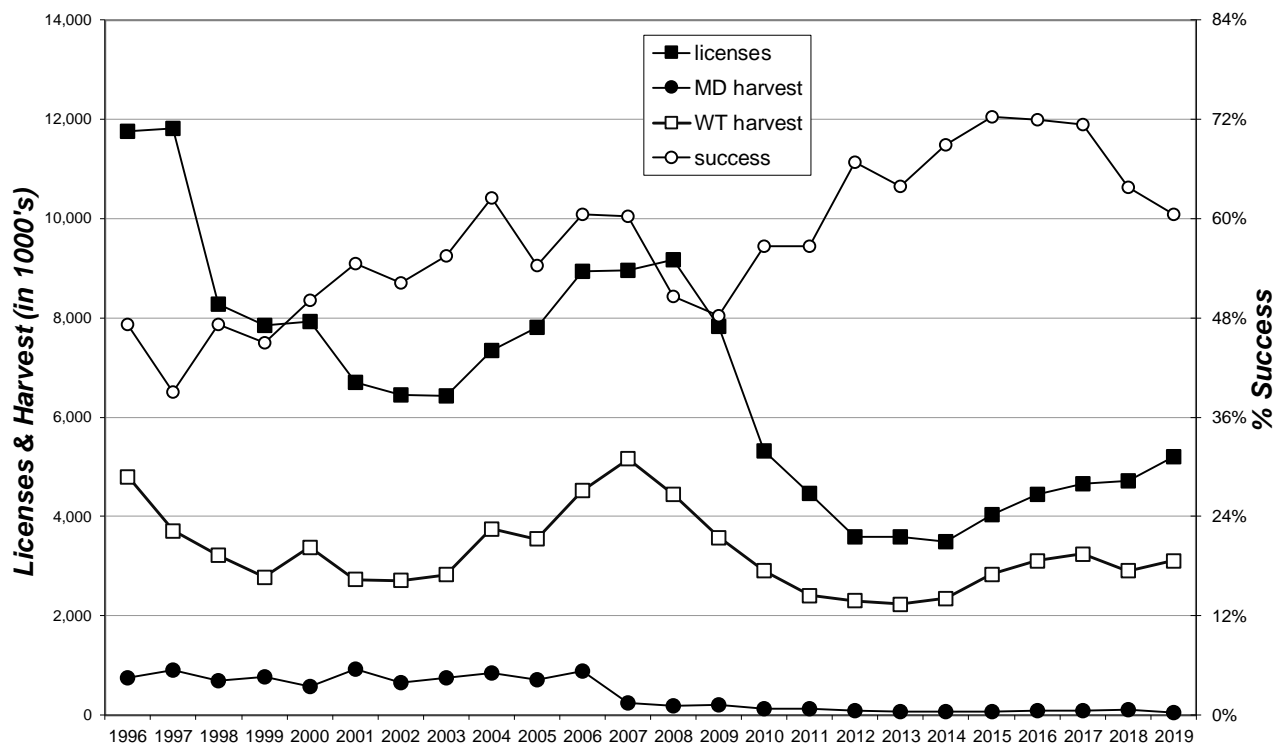
* Number of 1st drawing applicants with that season as 1st choice.

2019 Black Hills Landowner Own Land Harvest Projections

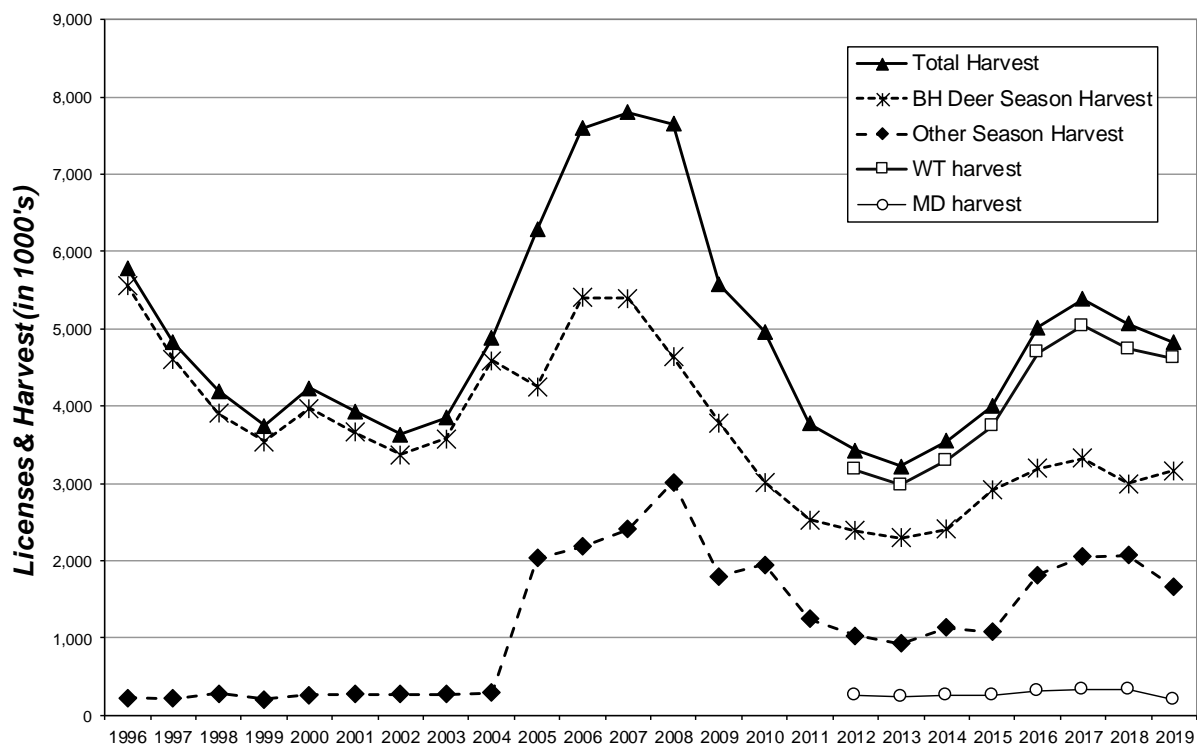
Last Revised: 17-Mar-20

Last Revised: 17-Mar-20																	
Unit	Harvest Projections																
	Licenses		Tags sold	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
							Bucks		Does		Bucks		Does				
	Avail.	Sold	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
BH1-01	Unltd	16	16	94%	20%	20%	3	0	0	0	0	0	0	0	3	5.67	3.13
BH1-08	Unltd	13	26	54%	57%	36%	6	0	4	0	0	0	0	0	9	5.00	6.71
Totals		29	42	75.9%	32%	30%	9	0	4	0	0	0	0	0	12	5.37	4.74

Black Hills Deer 1996-2019



Black Hills Deer Harvest 1996-2019



CUSTER STATE PARK DEER

The 2019 Custer State Park Deer season was open November 1-30 for Any Deer and Any Whitetail licenses and from December 1-15 for Antlerless Whitetail muzzleloader licenses. Only archery equipment could be used from November 1-15. A total of 87 licenses were issued.

All license holders that provided an email address when they applied for their license were surveyed by email and those that did not respond or did not provide an email were sent paper surveys. A total of 79 responses were received for a 91% return rate. Those responding reported hunting an average of 3.44 days, which projected to 299 recreation days for the season.

The harvest projection for the Custer State Park Deer season was 53 deer (26 adult whitetail bucks, 23 adult whitetail does, 1 fawn whitetail doe, and 3 adult mule deer bucks). The overall season harvest success rate was 61%.

Summary comparison of the 2010-2019 seasons

Year	Apps	Licenses	Whitetail		Mule		Total	Success	Avg Days Hunted
			Bucks	Does	Bucks	Does			
2010	1,336	47	8	44	2	0	52	84%	6.3
2011	1,831	47	10	23	2	0	35	88%	2.6
2012	1,825	12	10	0	1	0	11	92%	3.5
2013	1,474	30	7	17	0	0	24	80%	3.3
2014	1,755	30	8	13	0	0	21	68%	2.2
2015	1,866	29	8	15	0	0	23	79%	2.9
2016	2,088	40	10	19	0	0	29	72%	2.3
2017	2,391	64	30	11	1	0	42	66%	3.5
2018	2,503	64	26	9	0	0	36	56%	2.6
2019	1,199	87	26	24	3	0	53	61%	3.4

2019 Custer State Park Deer Harvest Projections

Last Revised: 17 March 2020

Last Revised: 17 March 2020

Unit/Type	Licenses					Harvest Projections												Mean Satisfctn Score	Avg Days Hunted
	Resident													Total Deer					
	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Whitetail				Mule Deer				Harvested	CI (95%)				
						Bucks		Does		Bucks		Does							
						Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						
CU1-01	677	5	5	80%	75%	1	0	0	0	3	0	0	0	4	+/-1	5.25	4.75		
CU1-11	492	33	32	94%	77%	25	0	0	0	0	0	0	0	25	+/-1	5.60	6.07		
CU1-13	30	50	50	90%	49%	0	0	23	1	0	0	0	0	24	+/-2	6.00	1.62		
	1,199	88	87	90.8%	61%	26	0	23	1	3	0	0	0	53	+/-4	5.81	3.44		

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

* Number of 1st drawing applicants with that season as 1st choice.

MOUNTAIN GOAT

The 2019 season for Mountain Goats in the Black Hills was open from September 1 through December 31. There were two licenses issued for the Mountain Goat season in the Black Hills. There were 3,807 applicants for those two licenses. Both hunters were successful, one harvested a billy and one a nanny, and reported hunting 24 total days, an average of 12 days per hunter.

Comparison of the 2007-2019 Black Hills Mountain Goat seasons

Year	Apps/License	Billies Harvested	Nannies Harvested	Success	Avg. Days Hunted
2007-2014	No Season				
2015	3,758/2	1	1	100%	4.3
2016	3,564/2	2	0	100%	8.0
2017	3,505/2	2	0	100%	14.0
2018	3,511/2	1	1	100%	11.0
2019	3,807/2	1	1	100%	12.0

BIGHORN SHEEP

The 2019 season for Bighorn Sheep was open from September 1 through December 31. The traditional unit 1 in Pennington County west of SD Highway 79 was closed in 2018. In addition to unit 2 in Custer County west of Highway 79, unit 3 was created in 2018 in the area surrounding the northern portion of Badlands National Park with one license available. There were 4,823 applicants for the three any-bighorn licenses (3,359 for unit 2 and 1,464 for unit 3). An additional license was auctioned to the highest bidder and was valid in unit 2. All hunters were surveyed, and all were successful at harvesting a ram. The four hunters reported an average of 18.5 days hunting. The Custer State Park Bighorn Sheep season remained closed in 2019.

Comparison of the 2011-2019 Black Hills Bighorn Sheep seasons

Year	Apps/License	Rams Harvested	Ewes Harvested	Success	Avg. Days Hunted
2011	3,614/3	3	0	100%	6.7
2012	3,381/2	2	0	100%	6.0
2013	4,033/2(+1)	3	0	100%	4.5
2014	4,336/2(+1)	3	0	100%	9.2
2015	4,757/2(+1)	3	0	100%	13.0
2016	4,538/2(+1)	3	0	100%	4.0
2017	4,357/2(+1)	3	0	100%	16.7
2018	4,410/3(+1)	4	0	100%	6.0
2019	4,823/3(+1)	4	0	100%	18.5

MOUNTAIN LION

The 2019/20 Black Hills season opened on December 26, 2019 and ended on April 30, 2020. The harvest limit was 60 total or 40 female mountain lions. After the Black Hills season closed, anyone with a valid 2020 license who did not take a mountain lion could hunt the remainder of the calendar year on land that was located outside the Black Hills Fire Protection District.

There were 2,907 resident mountain lion licenses issued prior to the end of the 2019/20 Black Hills season. A total of 74 access permits were also issued for Custer State Park (CSP), 15 of those allowing the use of hounds. Hunters who purchased a license after the regular Black Hills season ended were not surveyed.

Surveys were emailed or mailed to all hunters who purchased a license before the Black Hills season ended and the survey response rate was 63%. Active hunters reported hunting an average of 8.2 days outside of CSP and 5.0 days inside CSP. Average hunter satisfaction outside CSP was 4.65 and 5.18 inside CSP. Satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

The overall Black Hills success rate was 4.46%, with a total of 51 mountain lions harvested, 27 of which were females. Hunter success for active mountain lion hunters in the Black Hills (excluding those with a CSP access permit) was 3.63%, whereas success for those with a hound access permit in CSP was 73.3%. Check station data for the Black Hills showed that 20 mountain lions were harvested in Custer County, 14 in Lawrence County, 12 in Pennington County, 3 in Meade County, and 2 in Fall River County. Eleven mountain lions were harvested within Custer State Park, all by hunters with access permits that allowed the use of hounds.

A total of 14 mountain lions were harvested on the prairie outside of the Black Hills Fire Protection District from May 1, 2019 to April 30, 2020. The total included 10 subadult males, 1 adult male, and 3 subadult females.

Harvest statistics for 2010/11 - 2019/20 Black Hills Mountain Lion seasons (excluding CSP)

YEAR	Season Length (Days)	Licenses Sold	Active Hunters	Harvest		Average Days Hunted	Average Satisf
				Males	Females		
2010/11	52	2,325	1,790	19	26	6.6	5.11
2011/12	61	3,482	2,646	27	42	7.1	4.92
2012/13	96	4,351	2,872	23	31	7.3	4.71
2013/14	96	3,293	1,861	18	26	6.9	4.69
2014/15	96	3,211	1,689	18	20	7.1	4.58
2015/16	97	3,102	1,529	11	24	7.1	4.75
2016/17	96	2,561	1,153	10	13	6.9	4.51
2017/18	96	2,878	1,199	7	15	7.3	4.87
2018/19	96	2,818	1,132	8	6	6.9	4.81
2019/20	127	2,907	1,103	15	25	8.2	4.65

2019/20 Black Hills Mountain Lion Harvest Projections

Last Revised:
23-Aug-20

Last Revised:
23-Aug-20

Unit/Type	Resident Licenses		Response Rate	Active Hunters		Active Hunter Success	Harvest Reports						Total Lion Harvest	Mean Satisfaction Rating		Average Days Hunted	
	Avail.	Sold		Black Hills	CSP		Males			Females				BHills	CSP	BHills	CSP
							Adult	Subadult	<1 year	Adult	Subadult	<1 year					
Black Hills (no CSP permit)	Unlimited	2,833	63%	1,103	----	3.63%	5	7	3	14	8	3	40	4.65	----	8.2	----
CSP Boot Access Permit	60	59	76%	35	24	0.0%	0	0	0	0	0	0	0	5.53	4.77	13.0	3.6
CSP Hound Access Permit	15	15	80%	6	15	73.3%	5	4	0	1	1	0	11	4.27	5.83	3.2	7.1
Totals		2,907	63.3%	1,144	39	4.46%	10	11	3	15	9	3	51	4.65	5.18	8.3	5.0

Harvest statistics for 2011/12 - 2019/20 Custer State Park Mountain Lion seasons

YEAR	Season Length (Days)	Permits Issued	Active Hunters	Harvest		Average Days Hunted	Average Satisf
				Males	Females		
2011/12	61	74	57	0	4	4.4	5.03
2012/13	96	162	104	3	4	3.8	4.88
2013/14	96	136	92	4	5	3.6	4.99
2014/15	96	136	90	3	2	3.4	4.60
2015/16	97	57	30	5	1	5.6	5.44
2016/17	96	57	37	4	3	3.7	5.13
2017/18	96	57	41	5	4	4.0	5.26
2018/19	96	57	38	5	2	4.3	5.63
2019/20	127	74	39	9	2	5.0	5.18

Reported participation and mean days hunted by Custer State Park permit period

2019/2020 CSP Lion Season	Mean Days Hunted									TOTAL
	Dec. 26 Jan 8 ^a	Jan 9 Jan 22	Jan 23 Feb 5 ^a	Feb 6 Feb 19	Feb 20 Mar 4 ^a	Mar 5 Mar 18	Mar 19 Apr 1 ^a	Apr 2 Mar 15	Apr 16 Apr 30 ^a	
Permits Issued	3	15	3	14	3	15	3	15	3	74
Sample (n)	3	15	3	14	3	15	3	15	3	74
Responded (N)	3	12	1	11	2	13	3	9	3	57
Response Rate	100%	80%	33%	79%	67%	87%	100%	60%	100%	77.0%
Reported Did Not Hunt	0	7	0	4	0	8	0	8	0	27
Reported Hunted	3	5	1	7	2	5	3	1	3	30
Projected Hunted	3	6	3	9	3	6	3	2	3	38
Projected Days Hunted	12	24	12	34	23	13	28	13	26	185
Mean Days Hunted	4.0	3.8	4.0	3.9	7.5	2.2	9.3	8.0	8.7	4.9
Lions Harvested ^b	3	0	3	0	3	0	0	0	2	11

a. hunting with hounds allowed

b. total lions harvested based on mandatory check-in data, not returned surveys.

Lion hunters' preference for mountain lion population over the next 5 years

	All Licensed Lion Hunters	Inactive Lion Hunters	Active Lion Hunters	Harvested a Lion
Decrease A Lot	18.1	20.9	14.3	10.8
Decrease A Little	18.6	19.2	17.9	13.5
Stay About the Same	39.6	36.0	44.4	64.9
Increase A Little	11.1	9.2	13.5	10.8
Increase A Lot	4.1	3.6	4.8	—
Not Sure	8.49	11.09	5.1	—
N	1,673	947	726	37
Mean*	2.61	2.5	2.75	2.76

*Mean preference is based on a scale of 1-5, where "1" is decrease a lot, "3" is stay the same, and "5" is increase a lot.